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ESTABLISHED 1822

JOSEPH R. RECK  
& SONS  
CORPORATION

1901

# ..CARD..

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Again we have to report ample crops of the great staples, Wheat, Corn, Cotton, etc. This, with prices favorable to growers, for the fourth year makes for prosperity based on profitable agriculture.

While abundant harvests have been gathered of the more important agricultural crops, there is a marked shortage in the crops of many varieties of Vegetable, Flower and Grass Seeds. This was partially owing, and especially in Europe, to climatic conditions, while in this country it was more largely due to reduced acreage through the more advantageous use of the land for other than Seed Crops.

Through our close connection with the world's centres of supply and our knowledge of conditions as they developed we have anticipated the present situation to a large extent, but we earnestly recommend early purchase of requirements, to avoid disappointment.

The great loss we have sustained through the death of our President, Charles Henry Bass Breck, who was connected with our house for over sixty years, is fittingly alluded to on another page. The gap occasioned by his death has been filled, so far as it was possible for us to do so, by the election of Charles H. Breck to the presidency, and Joseph F. Breck to the treasurership of our house, while Arthur D. Forbush succeeds the latter as clerk of the corporation. Otherwise we have no important changes to mention.

Much attention has been given to the development of high class strains of Seeds, Bulbs, and Nursery Stock generally, for market gardeners, florists and private growers. For the detail of these, as well as that of the many other lines we represent, we refer you to this catalogue, and to our various publications mentioned on page 21.

We are grateful for the favors bestowed on us by our numerous patrons, and with the assurance that our best efforts are always at the service of our customers, we solicit a continuance of their business with us.

*Entrance at the "Big Clock," 51 and 52 North Market St., also entrances at 46 Merchants Row and 21 1-2 North Street, BOSTON, MASS.*

*Joseph F. Breck & Sons*  
(CORPORATION.)

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## Register for Next Year's Catalogue.

Our customers and friends, doubtless, to some extent appreciate the expense annually incurred in producing and mailing our General Catalogue, and also the necessity imposed on us through this expense of mailing only to customers or to those who are likely to favor us with orders.

With this in view we endeavor to keep our mailing list up to date by crossing out after a year or two all names of persons who have not an account on our books, or who have not left their names either with the salesmen or on the Catalogue Register when making a cash purchase at our store.

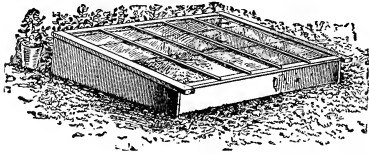
We, however, desire that no one who wishes a Catalogue should be slighted, therefore ***we request all interested persons who visit our store to register their name and address on the books provided for that purpose.***

This kindness will be appreciated and will be an advantage to our patrons as well as ourselves.

## THE HOT-BED, THE GOLD-FRAME.

Time and annoyance are often saved by sowing many varieties of Vegetables and Flower Seeds in a hot-bed, or even cold-frame; the convenience of one or both of these on small or large places can scarcely be estimated. Tomatoes, Egg Plants, Pepper, Cabbage, Cauliflower, Lettuce, and an endless variety of flowers can be raised from seed with but little expense and labor. Plants produced at home have an advantage over purchased ones in that they can be transplanted at the convenience of the owner any time after they are large enough, without the root-fibres getting dried, or the growth in any degree interrupted. Hot-beds should be prepared early in February, although even a little later will do well enough in some latitudes. Provide fresh horse manure and leaves, about two-thirds to one-third respectively. Mix thoroughly, tramping down the mass in successive layers, in a pile, so that fermentation will take place even in severe cold weather. In a few days the fermentation will be apparent by the escape of steam from the heap; it should then be turned and allowed to remain two or three days longer, or until the second fermentation begins. Select a dry, sheltered spot, facing the south or east, if possible; make an excavation two and a half feet deep and of a size suited to the number of plants required; the pit should either be built up with brick or lined with wood; the frame for sashes should be 18 inches high at the back and 12 inches in front, which will give the proper slope for catching the sunlight; cross-pieces should be placed for the sashes to slide on to facilitate opening and shutting the frames. When everything is ready, the manure that has been prepared is placed in the pit and trodden down firmly in layers to the depth of two and a half feet. The sashes should then be put on and kept closed until the heat rises to about 100° and subsides again to 90° or a little less; the heat can readily be determined by plunging a thermometer in the manure. The soil, which should be prepared by being mixed with one-third well-rotted cow manure, can then be put on to a depth of six or eight inches, and the seed sown thinly in drills two or three inches apart, and afterwards when plants are in the rough leaf either thinned out or transplanted to another frame; air must be given every mild day by raising the sash. Tepid water should be given the young plants when necessary; at nights and during severe cold weather, cover with straw mats or board shutters.

A cold-frame is simply a frame of boards or brick set on the ground in a warm, sheltered position, and kept from freezing by mats, shutters, or a thick covering of straw, salt hay, or coarse litter, over and all around the sides. The soil is prepared by forking in and thoroughly mixing, to a depth of one foot, a liberal quantity of well-rotted cow manure, or the manure from an old hot-bed. If such a frame is made ready in the fall, Cabbage, Cauliflower, and Lettuce plants may be set in it and become well established before very cold weather. During cold days admit air freely, the object being to keep the plants in a dormant state without actual freezing, so that on the return of spring they are in a forward condition for an early crop, — Cabbage, Cauliflower, Lettuce, Radish, etc., may be sown in a cold frame any bright, mild day during March or April, and will make strong plants for setting out as soon as the ground is in condition to receive them.



## Hot-Bed, Sash and Frame, Complete, For Violets, Flower Seeds and Early Vegetables.

Having received numerous inquiries for a *Hot-Bed Sash* that was light and easy to handle, we decided that it would be a good idea to construct a *Sash and Frame Complete* that would meet the requirements.

After carefully studying several designs we adopted the one shown in cut, as most desirable in all particulars.

The outside dimensions of *Frame* are three feet one inch long, and four feet eight inches wide, made of one inch *Cypress*; the back piece is nine inches wide and the front piece is six inches wide, grooved together, and held in place by eight strong hooks.

Being fastened together by the hooks enables one to take it apart at the end of the season and store away in a very compact form, which we consider an essential feature, as by so doing the frame may be made to last for years.

The *Sash* is also made of *Cypress* of one and one-half inch stock, put together and glazed in the very best manner. On the underside of *Sash* is fastened a cleat, one inch from the outer edge, all around, thus forming a rabbit which makes the frame very tight, preventing the cold air from entering or the heat escaping.

The construction of the frame is so simple that any one with a hammer and screwdriver can put it together in a few minutes. We furnish hinges and screws for attaching the sash to back of frame; also the hook and eyes for corners.

In offering this *Special Hot-Bed* to our customers we feel that we have something that will give entire satisfaction and will supply a long felt want.

Our price for *Frame* and *Sash* complete is **only \$3.25** delivered at the railroad in Boston.

## Fungicides and Insecticides.

"It is very difficult to give any statement of the amount of a fungicide or insecticide required to properly spray any of the various plants on which they may be used. The size and leaf-surface of plants of the same kind vary so much with their age, the conditions of cultivation and other controlling factors, that it is hardly possible to say what is an average plant of any sort. Besides this, very few experimenters have published statements as to the quantities used in their work. Yet one of the first questions asked by a beginner is, 'How much do I need?' With these facts understood, the following figures may be given as approximate statements of the amount of a preparation required for properly spraying the crops named, when a suitable and economical nozzle is used. For another plant the amount can be roughly estimated by a comparison of its leaf and surface with that of one of these: For apple-trees,  $1\frac{1}{2}$  to 2 gallons to a good-sized tree; for grape-vines, one gallon to six or eight well-grown vines; for potatoes, 100 to 125 gallons per acre."

## Preparation of Fungicides.

We quote from Professor Humphrey's article in Bulletin No. 39, on this subject:

**The Bordeaux Mixture** requires six lbs. sulphate of copper, four lbs. quicklime (fresh) and 22 gallons of water. The sulphate of copper is dissolved in two gallons of water, to which 14 gallons is added after the solution is complete. The quicklime is slaked in six gallons of water and stirred thoroughly until it forms a smooth, even mixture. After standing for a short time, it is again stirred and added gradually to the sulphate solution, which is thoroughly stirred meanwhile. The mixture is then ready for use.

**Ammoniacal Carbonate of Copper** in its improved form is prepared from three ounces carbonate of copper, one pound carbonate of ammonia, and 50 gallons of water. Mix the carbonate of copper and the carbonate of ammonia, pulverized, and dissolve the mixture in two quarts of hot water. When they are wholly dissolved, add the solution to enough water to make the whole quantity 50 gallons.

**Paris Green and London Purple** should be used at the rate of one pound to 100 gallons of water.

## TO OUR CUSTOMERS.

THE perfect arrangement of the several departments of our large Seed business, in charge of men specially prepared in this country and Europe, by years of experience in the different branches of the business; the whole under the personal supervision of a Director of the Corporation, who has taken advantage for over twenty-five years of the excellent opportunities for experience afforded at home and abroad to fit him for the work, combined with our knowledge of the best sources of supply, localities for production, the acreage we control and the large purchases we make for cash, enable us, by reason of the greater value of our trade compared with others, to offer seeds that are not surpassed, if indeed equalled in quality and purity, by any. The fact that we have a larger patronage among the leading private and market gardeners and florists throughout the country than any other New England seedsmen is emphatic proof of our experience, integrity and ability to serve planters satisfactorily. To this end we note on every lot of seed sold the percentage of vitality and offer the same subject to the test and analysis of the botanist of any of the State experiment stations, and to properly authenticated complaint being made to us within twenty days from time of purchase of seeds complained of. If the result of the analysis does not confirm the percentage named, we will take back the seeds, and refund the money paid for them, and pay the cost of transportation both ways. Seeds once sown, or the above specified time for complaint having expired, our responsibility ceases, because failures more often occur through a lack of knowledge of the conditions required to produce germination and a good crop than from inherent defects in the seeds. Proper conditions for germination are, correct temperature and moisture, and a free access of air; besides, the soil must be of the right kind, properly prepared, and present no physical obstacles to the germination of the seed, such as a baked surface or too compact soil through heavy rains. Cold and hot winds, insects below and above the ground, are frequent causes of failure. In addition to all this there is an ever constant change of form and type in nature, so that highly selected sorts frequently revert back to originals. This accounts for short pods and long vines among peas that should be long podded and dwarf, green pods on wax beans, green plants appearing among white and yellow sorts of celery, etc., etc. Therefore please

**NOTICE.**—While we exercise the greatest care to have all Seeds, Plants, Bulbs, and Nursery Stock of the best kind, we do not give, and our agents and employees are forbidden to give, any warranty, express or implied. If you do not accept the goods on these terms, you must return them at once, and all payments therefor will be refunded.

JOSEPH BRECK & SONS (Corporation).

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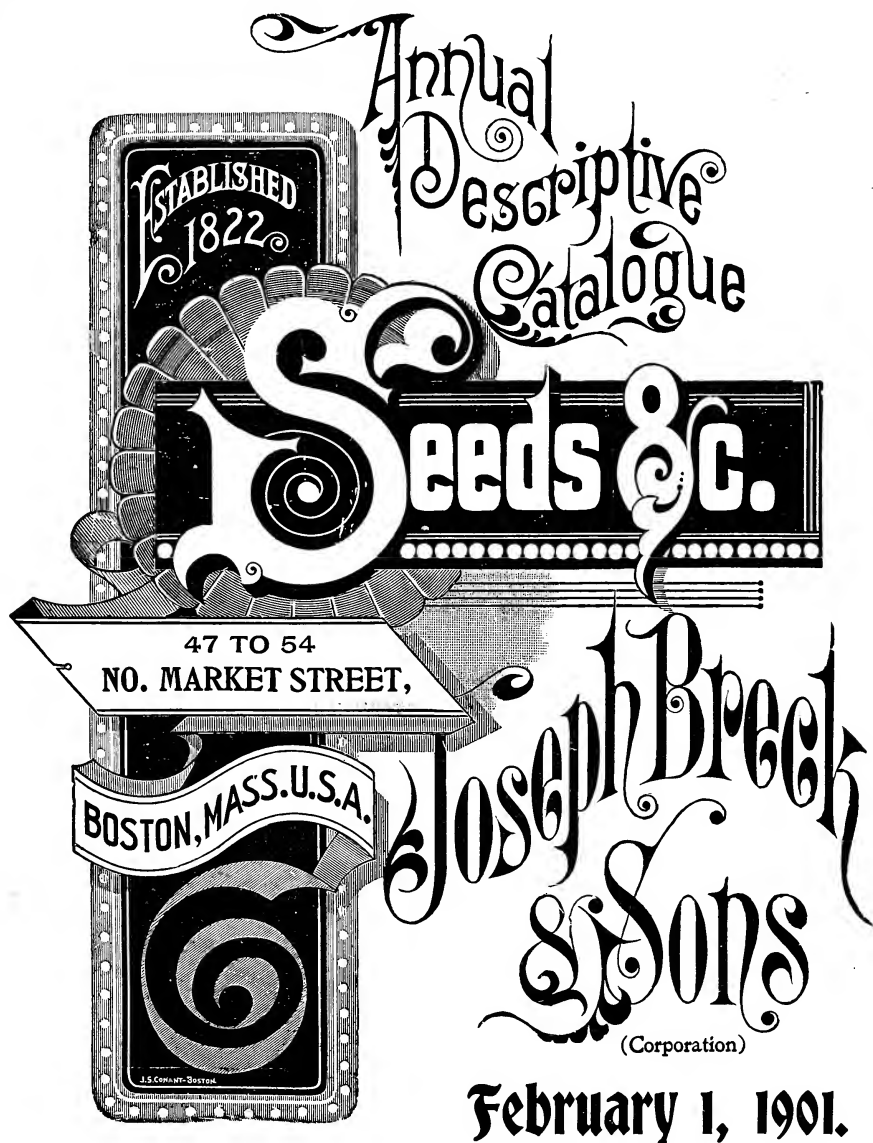
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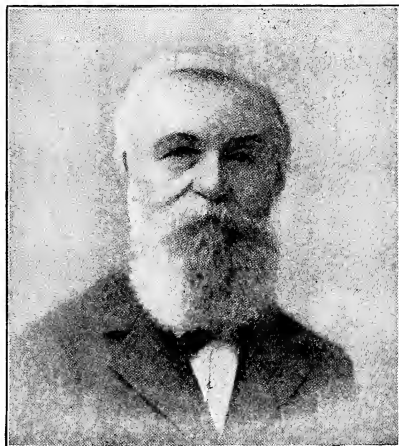
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CORPORATION)

New England Agricultural Warehouse,  
47 to 54 North Market Street,  
BOSTON, MASS., U. S. A.

1820



1900

**CHARLES HENRY BASS BRECK.**

In the death of Charles Henry Bass Breck, President of Joseph Breck & Sons, Corporation, which occurred on August 1, 1900, at Newton, Mass., a great loss has been sustained by his family and by those associated with him in business, while the interests of Agriculture and Horticulture have lost a skilled and appreciated worker.

He was of the eighth generation of Brecks in the United States, and of the seventh generation directly descended from Edward Breck, who, leaving Ashton (now Ashton-under-Lyne), England, came with the Puritans to Massachusetts, and settled at Dorchester in 1635. Son of Hon. Joseph Breck, a pioneer plantsman and seed grower, who established our business in 1822, Mr. Breck was born in the town of Pepperell, August 23, 1820, and received his education at the Academy, Lancaster, Mass. Through his father's interest in and connection with Horticultural matters in general, Mr. Breck had unusual opportunities for acquiring a taste for and knowledge of the seed and agricultural business, and more than sixty years ago, while these industries were still in their infancy in this country, his life work began in his father's establishment. His development was steady and rapid; prior to 1850, he made several journeys to Europe in order to become familiar with the trade methods of France, Belgium and Britain, and to select varieties of seeds and nursery stock suitable for cultivation in the United States. He became a partner with his father in the New England Agricultural Warehouse and Seed Store in 1850, and after the decease of his father in 1873 was the senior member and head of this firm until his death. During more than one-half century of his connection with it, the business has developed into one of the most prominent in the United States. In 1893, after having absorbed several minor concerns, Joseph Breck & Sons bought the stock and business of Parker & Wood, and combined the plants of the two houses, incorporating under the Statutes of Massachusetts as "The Joseph Breck & Sons, Corporation," with Chas. H. B. Breck as President. Four buildings with nearly two acres of floor space are now occupied by the business, that requires the services of one hundred or more employees.

In referring to Mr. Breck's death the *Boston Transcript* said: "In addition to his business duties, Mr. Breck filled many positions of honor and trust. Prior to the annexation of the Brighton district he was one of the selectmen of the town and a member of the school committee for many years. After annexation he was a member of the Boston Board of Aldermen for four terms, during which time he served on some of the most important committees. He was for six years, from 1878 to 1884, a member of the Board of Directors of the East Boston Ferries. He was an ardent advocate of the Metropolitan Park system since the subject was first agitated. He was active in the affairs of the Massachusetts Horticultural Society, serving as Chairman of the Committee of Arrangements for seventeen years and being its senior Vice-President at the close of his life. He was also a member of the New England Historic Genealogical Society. A director of the Metropolitan Bank of Boston for many years. He was the oldest surviving Past-Master of Bethesda Lodge, A. F. A. M., of Brighton, of which he had been a member for about fifty-five years," and also a member of the Boston Lafayette Lodge of Perfection.

The *Boston Journal*, speaking of Mr. Breck, said: "In his youth he respected age, and in his ripened years the young respected and loved him. He was a kind, thoughtful and helpful father, and an appreciated employer, possessing qualities which always attracted youth, and to the society of the young and cheerful he attributed the great vitality which he possessed at an age when others are inclined to use their energies more sparingly. That his loss is deeply felt is evidenced by the great number of messages of sympathy and respect received by the family since his demise from personal friends, business associates and employees."

General Francis H. Appleton, President of the Massachusetts Horticultural Society, wrote: "The long and valued services to the Society and agriculture in general of our deceased Vice-President have ever been conspicuous for the promotion of agriculture in its broadest sense—including all Horticulture."

S. F. Willard, Secretary of American Seed Trade Association, wrote: "His individuality in the seed business made him prominent in the trade, and known to us all."

The sentiment of our employees is expressed in the words of our senior travelling salesman, Mr. E. A. Towne: "He was a noble man, and will be greatly missed."

Mr. Breck is survived by his widow and three children, Charles H. and Joseph F. Breck, and Mrs. Willard G. Brackett.

*"A continuous business relationship of 40 years or more is certainly a fair test of integrity and honorable dealing."*

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## Our Golden Roll of Honor.

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We thoroughly appreciate the honor extended us through the continued interest taken in our Golden Roll of Honor. This year we are able to add fourteen names to the list and herewith reproduce ten photographs of friends, whose patronage we have retained, not only for forty years, but in some instances for several generations.

The letter, reproduced, from J. Franklin Fuller, Esq., shows that both he and his worthy father, who began buying from us in 1846, have found our house a satisfactory one to deal with. Quite remarkable is the business relationship that exists between the Drake-Belcher families and ourselves; Mr. Belcher's reply to our inquiries, and the photographs herewith printed are interesting and instructive. Our business connection with Mr. Warren Johnson, of Winchester, is worthy of special notice in that mutually pleasant dealings have been conducted between us for fifty years, and the record shows that his father, the late Mr. Francis Johnson, was also a customer of ours, having made his first purchases from us in 1822, the same year in which our business was established, and continued a customer until his death. Mr. Joseph H. French, of Hingham Centre, when giving us permission to use his name and photograph, referred feelingly to the pleasant memories he has of his dealings with the two generations of Brecks which have passed, and commended the present, third, generation for adhering to the business principles adopted by their fathers.

Our friend Abijah Thompson, Esq., of Winchester, has the longest personal record as a customer in our this year's list, he having bought regularly at our store for 55 years, making his first purchase in 1845, when he was 18 years old. It may not be out of place to mention that Mr. Thompson is a direct descendant of James Thompson, who came to New England under the lead of Governor Winthrop in 1630, and shortly afterwards settled in that part of Winchester that was then named Waterfield; some of the family have lived in the same neighborhood for nearly 270 years.

Mr. Dudley Bradstreet, who is second to Mr. Thompson in this year's list, is also of old New England stock. The farm he now occupies has been farmed by the Bradstreets for nearly 200 years.

---

EASTON, MASS., Dec. 10, 1900.

JOSEPH BRECK & SONS, Corporation, Boston, Mass.

Dear Sirs :

I am duly in receipt of your favor of the 7th inst, all of which is carefully noted. We have no objection to furnishing you with photos for reproduction in your 1901 catalogue, and as requested, have pleasure in furnishing information as follows regarding the business with which the Drakes and Belchers have been so long connected.

The iron foundry established in Easton in 1752, if not the earliest, was amongst the first industries of this kind in this country. It came into the possession of Lincoln Drake in 1832 and that portion of the business is still conducted by his son, Lincoln S. Drake.

Mr. Drake, Senior, established a malleable iron business in Easton in 1837, which business he sold to his son-in-law, Daniel Belcher, in 1844. Daniel Belcher conducted this business until his death in 1890. Since that time the firm has been known as the Belcher Malleable Iron Co. and has been managed by William T. Belcher and myself.

Lincoln Drake became a customer of Joseph Breck in 1832, the year he began business here. Mr. Drake and Mr. Breck were warm friends for a great many years. They both served in the Massachusetts Legislature in the year 1847 and were very intimate until death separated them.

Daniel Belcher became a customer in 1844. He or his successors in the Belcher Malleable Iron Co. have remained customers ever since. Lincoln S. Drake is a customer of yours now, and his father was also a customer for fifty years or more.

It is pleasant to realize that we have for nearly seventy years done business with the Breck Company with no break in the pleasant relations, and I look forward with pleasure to its continuance.

Very truly yours,

GEORGE C. BELCHER.

BOSTON, Nov 20 1900

Joseph Brock & Sons Corporation,  
Gentlemen,

Referring to the  
conversation which Mr. Chas. H. Brock  
had with me while at your store  
last May, I stated that my father  
the late Stephen P. Fuller, commenced  
trading with you in 1846 and continued  
to do so until his death which occurred  
in 1871.

Since 1864 and up to the present  
time I have been a customer of your  
firm and appreciate the uniform prompt  
attention and courteous treatment  
received as well as the reliable quality  
of your goods.

Yrs truly  
J. Franklin Fuller

**CUSTOMERS WHOSE PATRONAGE WE HAVE RETAINED FROM 40 TO 70 YEARS.**

Mr. Abijah Thompson, Winchester.....	55 years	Mr. Augustus Flag, Waltham.....	40 years
Mr. Dudley Bradstreet, Topsfield.....	52 "	Mr. W. K. Gilmore, Norfolk.....	40 "
Mr. Warren Johnson, Winchester.....	50 "	Mr. J. W. Glynn, So. Boston.....	40 "
Mr. F. B. Pratt, Weymouth.....	50 "	Hon. F. L. Carney, Sheepscott, Me.....	50 "
Mr. Michael Fallon, Roxbury.....	49 "	Mr. John S. Tewksbury, Winthrop, Mass.....	49 "
Mr. J. V. Jackman, Marlboro.....	48 "	Mr. Asahel Wheeler, Boston.....	47 "
Mr. Joseph H. French, Hingham Centre.....	45 "	Mr. A. D. Puffer, Medford.....	42 "
Mr. Horace Eaton, Cambridge.....	42 "	Mr. L. W. Lincoln, Woburn.....	46 "
Mr. N. Tarr, Ashmont.....	40 "	Rev. W. H. Wilcox, Malden.....	40 "
Mr. George W. Jameson, East Lexington.....	40 "	Mr. Moses Hemenway, Stoneham.....	48 "
Capt. Lincoln Drake.....	Three	Mr. Cyrus Littlefield, Avon.....	52 "
Mr. Daniel Belcher { Easton } Genera- 70 "	tions	Mr. Charles E. Grant, Concord.....	61 "
Mr. George C. Belcher { Easton } Genera- 70 "	tions	*Mr. Benjamin G. Smith, Cambridge....	61 "
Mr. J. Franklin Fuller, Boston.....	36 "	Mr. Nathaniel T. Allen, West Newton... 46 "	
Mrs. Adeline W. Griswold, Belmont.....	60 "	Mr. Milo H. Shattuck, Groton.....	46 "
Mr. Frederick H. Greenwood, Cambridge.....	60 "	Mr. Alexander McGaw, South Braintree.. 45 "	
Mr. M. C. Dizer, E. Weymouth.....	50 "	* Mr. E. G. Andrus, East Weymouth.... 45 "	
Mr. J. W. Bailey, Newtonville.....	50 "	Mr. W. H. Baldwin, Pres. Y.M.C.U., Boston 41 "	
Mr. Wm. G. Lewis, Framingham.....	50 "	Mr. R. B. Leuchars, Brookline.....	45 "
Mr. Seth Foster, Norwell.....	45 "	Mr. David C. Robbins, Malden.....	61 "
Mr. Urban Derby, Concord.....	43 "	Mr. Stead, Woburn.....	51 "
Mr. John Fisk, Billerica.....	40 "	Mr. John H. Reed, West Roxbury.....	41 "
*Mr. I. N. Howland, W. Duxbury.....	40 "	Mr. J. P. Conant, Stoneham.....	49 "
Mr. J. Whitehead, Saugus.....	40 "	Mr. Josiah Reed, South Weymouth.....	46 "
Mr. Theo. G. Dennett, Somerville.....	40 "	* Mr. Franklin King (E. & F. King), Boston 71 "	
Mr. Henry M. Wiswall, Watertown.....	40 "	Mr. S. A. Stetson, Boston.....	61 "
Mr. Aaron Hill, Woburn.....	40 "	* Mr. George Bird, Cambridge.....	71 "
Mr. John Hill, Woburn.....	40 "	Mr. G. B. Talbot, Norwood.....	61 "
Mr. J. E. Wood, Enfield.....	40 "	Mr. John S. Richards, Brookline.....	64 "
Mr. Alvan L. Lovejoy, Boston.....	40 "	Mr. S. W. Grant, Wrentham.....	47 "
Mr. Charles F. Kimball, Dedham.....	40 "	Mr. C. S. Bates, Cohasset.....	51 "
Mr. J. O. Bisbee, Stoughton.....	61 "	Mr. Samuel T. Sharpe, Watertown.....	44 "
Mr. J. E. Tolman, Waltham.....	55 "	* Mr. Fearing Burr, Hingham Centre... 61 "	
Dr. T. E. Francis, Brookline.....	50 "	Mr. E. A. Brackett, Winchester.....	52 "
Mr. W. S. Hill, Woburn.....	50 "	Mr. J. Harrigan, East Foxboro.....	42 "
Mr. Asa Locke, Arlington.....	50 "	Mr. Matthew H. Burr, Hingham Centre.. 61 "	
Mr. E. A. Studley, Boston.....	50 "	Mr. Daniel Bowker, Malden.....	67 "
Mr. J. S. Blatchford, Waban.....	48 "	Rev. C. S. Locke, West Dedham.....	43 "
Mr. and Mrs. I. M. Currier, Melrose.....	45 "	Dr. B. B. Chandler, Hyde Park.....	62 "
Mr. John Gerald, Canton.....	45 "		

 We desire to add to our Golden Roll of Honor the names of all customers qualified by time to be included, and solicit their correspondence.

\*Deceased.

# GOLDEN ROLL OF HONOR.

Three Generations

of Customers.



CAPT. LINCOLN DRAKE.



MR. DANIEL BELCHER.



MR. GEO. C. BELCHER



ABIJAH THOMPSON, Esq., Winchester. A customer for 55 years.



DUDLEY BRADSTREET, Esq., Topsfield. A customer for 52 years



WARREN JOHNSON, Esq., Winchester. A customer for 50 years.

MICHAEL FALLON, Esq.

Roxbury.

A customer for 49 years.



J. V. JACKMAN, Esq.

Marlboro.

A customer for 48 years.



J. H. FRENCH, Esq.

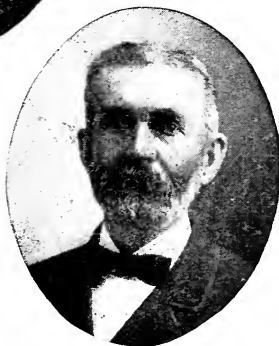
Hingham Centre.

A customer for 45 years.

GEO. H. JAMESON, Esq.

East Lexington.

A customer for 40 years.



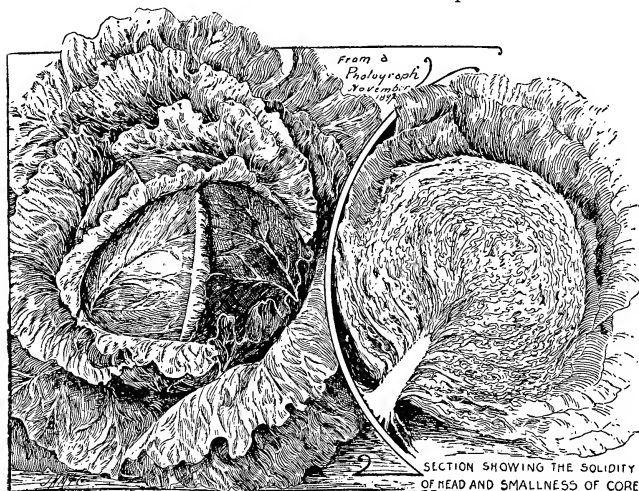
# Vegetable Novelties.

.. 1901 ..

## Quincy Market Sweet Corn.

Although this corn heads the list of 1901 novelties, it is not a new sort. It is, however, possessed of so many good qualities that we desire to make it much better known than it is at present, for we are sure a single trial will result in its being selected as one of the early corns for every garden. Already growers for market recognize its usefulness and annually bring it to market in large quantities. It always sells readily at top prices because of its superior quality; it ranks with the favorite Breck's Premier in sweetness and flavor, bears almost as large, twelve-rowed ears, and is earlier than the popular Crosby. Quart, 25 cents; pk., \$1.00.

For complete list of Corns see page 30.



Holmes' Houser Cabbage.

## Boston Market Celery.

There are a dozen or more strains of so-called Boston Market Celery offered the public, but there is only one genuine and always satisfactory stock that retains the original type and quality. This we have grown especially for us from true selected plants by Messrs. Crosby Brothers, Arlington, Mass. Those who have been disappointed time and again may plant this with confidence. The seed is crop of 1900 and of extra strong vitality. Offered in sealed packages only. Pkt., 10 cents; oz., 40 cents;  $\frac{1}{4}$  lb., \$1.25.

## Keppler's Long Island Celery.

We introduced this variety two years ago, believing it to be a very desirable sort for winter use. Time has confirmed our opinion. We now claim that it is the best keeper in existence and unsurpassed in its fine flavor and tender, stringless quality. The originator's description is: "The favorite green table sort, best keeper in existence. This variety is thoroughly established by careful selection. It partakes of the best qualities of any variety. It is a 'sport' from the 'Schuhmacher Celery,' and is of a fine nutty flavor, being entirely free from any bitter taste. It grows about one and one-half feet high; the stalks are very broad, thick and crisp; the width and thickness of these are distinctive features of this variety. It bleaches with but slight earthing up, and very quickly—in five or six days. It is a splendid keeper." The seed we offer was grown by one of the best market gardeners on Long Island, N. Y. Pkt., 15 cents; oz., 60 cents;  $\frac{1}{4}$  lb., \$2.00.

## Breck's Christmas Celery.

This is undoubtedly the best winter Celery yet offered the public. It grows to an immense size, has an extra large, solid heart, is very hardy, and without an equal as a keeper and shipper during winter. The flavor is everything that could be desired; the stalks are tender and almost entirely stringless. Pkt., 10 cents; oz., 50 cents;  $\frac{1}{4}$  lb., \$1.50.

For complete list of Celerys see page 31.

See Special Offers on third page of cover.

## Holmes' Houser Cabbage.

An entirely distinct, round, late cabbage that originated in Pennsylvania. The heads are large, weighing on an average 10 to 12 pounds. They grow so compact and free from spreading leaves that they may be planted closer than most late sorts. It is a first-class keeper, retaining its color to a marked degree, and will carry through the winter for early spring use without rotting. The originator says: "This late cabbage is perfect in every respect as to size, weight, quality and sure heading." Pkt., 10 cents; 3 pkts., 25 cents.

For complete list of Cabbages see page 27.

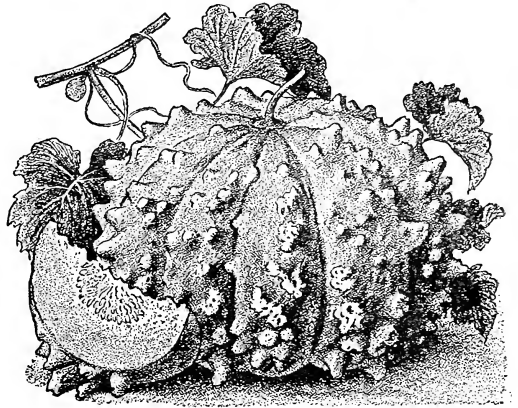


Boston Market Celery.

### **Coral Reef Cantaloupe Melon.**

A remarkably distinct Melon that will be well received because of its fine quality and great productiveness. The ground color of the skin is at first dark green changing to a deep orange yellow as the fruit approaches maturity. The skin is dotted with knobs or warts of a whitish shade. It is quite early, being ready for the table in August. The fruit is freely borne and usually attains to a weight of about 15 pounds. The flesh is very thick, firm and greenish yellow in color, of delicious flavor, sweet, juicy and finely perfumed. Pkt., 20 cents; 3 pkts., 50 cents.

For complete list of Melons see page 35.



**Coral Reef Melon.**

### **Athlete Pea.**



**Athlete Pea.**

Alaska, and a fine strain of Extra Earlyies. Claudit was in flower and pod as early as the first of these, and showed its superiority in not only producing a greater number of pods than any of them but twice the size of the largest. The seeds are large, deep green in color and slightly indented or wrinkled; they are produced 7 to 9 in a pod and are of delicious flavor and sweetness. The vine is of vigorous growth, about 2½ feet in height, and very productive. This is in our opinion *the Ideal Early Pea*, because of its earliness, its large-sized pods, its fine quality and the fact that it is no more liable to rot through early planting than the Alaska is. We especially recommend it for both the market and home garden. Pt., 20 cents; qt., 40 cents; pk., \$2.50.

For complete list of Peas see page 38.

Something entirely new, and we think worthy of a trial. The Athlete originated in Germany, where a great deal has been said in its favor. It is perfectly distinct from any other, yet introduced and may, on account of its immense cropping quality, become popular in America. Athlete grows to a height of about three feet, and as will be seen from the illustration, which is reproduced from a photograph, is of a peculiar branching habit. When the main stem, which is almost an inch thick, attains a height of about 2½ feet it begins to flower, then the plant sends out from the root 5 to 10 side stems of almost as strong growth, which in turn produce their flowers and quickly set to fruit. As many as 200 good sized pods, each containing from 6 to 8 peas, have been gathered from a single plant. It is medium early, and because of its long season of bearing will prove very desirable for the home garden. The seed may be planted as early as the ground is workable in spring. Drop two seeds in hills two feet apart, closer seeding is not desirable. Pkt., 30 cents; 2 pkts., 50 cents.

### **Claudit Pea.**

We introduced this Pea last season, and printed the originator's description. The claims made for it were so bold that we felt if it met them but half way it would prove to be a genuine acquisition. A number of market and private growers were induced to give it a trial; all of them were more than satisfied with the results obtained. In our own trial grounds at Hingham we planted it alongside of such early sorts as Surprise,



**Claudit Pea.**

Sirs:

I am in receipt of the seeds supplied from your establishment, including a complimentary package, for which accept my thanks, as also for your prompt attention.

Respectfully yours,

VIRGINIA J. BERRYHILL,  
Des Moines, Iowa.

April 5, 1900.

Seeds have been received in satisfactory condition. The seed potatoes are extra.

Yours truly,

BIXBY BROS.,  
Sunderland, Mass.

April 12, 1900.

See Special Offers on third page of cover.

**Lady Finger Potatoes.**

For several seasons the demand for this favorite, old fashioned variety for baking has been much greater than the supply, and we have been obliged to disappoint many who desired to plant a few for home use. We believe our arrangements this year will enable us to furnish a reasonable quantity to all who apply; however, it may be well to send in orders early. They will be held until danger from frost during transit is passed, and filled in the rotation in which they are received. Lb., 25 cents; pk., 75 cents; bush., \$2.50.

For complete list of Potatoes see page 39.

I bought of your traveling man last year some stock that was very satisfactory, consequently send an order for more,  
CHALMERS CONSERVATORIES,  
Rochester, N. H.

May 28, 1900.

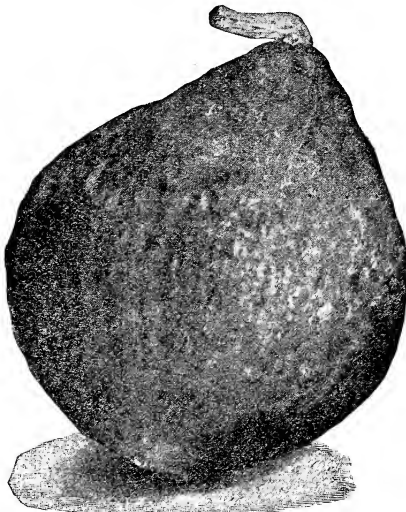


Lady Finger Potatoes.

**Golden Bronze Squash.**

A cross between the Bay State and Boston Marrow. In form the same as the last named, with stem and blossom end precisely like that variety, also having the same peculiar wrinkled skin as the Boston Marrow. Size averaging from 8 to 10 lbs., color a dark grayish green, with bronze on upper surface when ripe; flesh an exceedingly bright golden yellow; fine grained, very sweet, and of delicious flavor. Early in maturing, a good yielder and keeper. As a squash combining the qualities desired for the table and pies, this variety has no superior. Pkt., 10 cents; oz., 20 cents; lb., \$1.50.

For complete list of Squashes see page 41.



Golden Bronze Squash.

**Aristocrat Tomato.**

This is a variety that deserves to be much better known than it is. In all respects except color, *which is bright scarlet*, it resembles the favorite Dwarf Champion. It is of the same strong, upright growth, with very thick, short jointed stems. Owing to habit of growth the plants may be set only three feet apart. A very liberal manuring is desirable to produce best results. Pkt., 5 cents; oz., 25 cents; ¼ lb., 75 cents.

**Sutton's Best-of-All Tomato.**

We especially recommend this variety for growing under glass. It sets freely and bears abundantly. It is of medium size, good form, deep scarlet color, very solid, meaty and freer from seeds than any other variety known to us. Pkt., 10 cents; oz., 50 cents; ¼ lb., \$1.50.

For complete list of Tomatoes see page 42.

**A FEW OF BRECK'S INTRODUCTIONS.**

During the past thirty years we have originated and introduced many varieties that have stood the test of time and are generally catalogued by the trade, although not often in connection with our name. We call especial attention to the following:

**Breck's String and Shell Bush Bean.**

This variety is becoming a general favorite throughout New England with all lovers of the cranberry type of bean. The dry bean is about the size and shape of the famous Red Cranberry, but is *slightly* marbled like a Horticultural. The pods when young and fit to use as string beans are an average of 9 inches in length, roundish in form, very thick and fleshy, entirely stringless and of a pleasing green color. If allowed to grow for shell beans the pods flatten out a little and take on a reddish tint. The plants are of dwarf, vigorous habit, free from rust and disease. It is almost as early a variety as the so-called six week sorts, and because of its great productiveness, usefulness as a string and shell bean and superior quality, it is in great demand for the home garden and market. Pkt., 10 cents; qt., 35 cents; pk., \$2.00.

See Special Offers on third page of cover.

### **Breck's White Bouquet Cauliflower.**

We cannot say too much in favor of this strain of cauliflower; leading private and market growers all over the land increase their plantings of it year by year, and those who have had most experience with it speak loudest in its praise. When introducing the White Bouquet in 1890, we claimed it to be in all respects equal at least to any other sort in cultivation. Now a great many of *our customers* who have grown it *claim* it is better than all other sorts, no matter at what price offered. We have continually aimed to improve the strain, if possible, by selection, and we feel we have succeeded in producing a type that is without an equal, either for forcing or open-ground cultivation. It is earlier than any other cauliflower, produces a larger percentage of solid pure-white heads, averaging ten inches in diameter, is dwarfier and more compact in habit, and has no useless rank-growing outer leaves to take up space. Its natural early maturing coupled with its neat form of growth make it peculiarly suitable for growing under glass during winter or spring. We own the entire seed stock, and every package of the genuine will be sealed with our trade mark. Pkt., 25 cents; oz., \$3.50;  $\frac{1}{4}$  lb., \$12.00.



### **Breck's Premier Sweet Corn.**

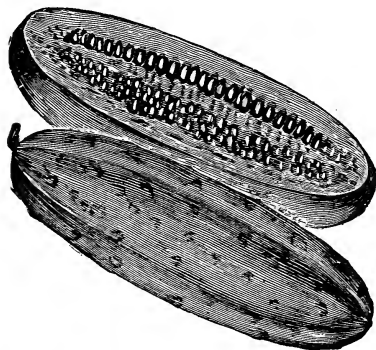


poses. It is a few days later than Cory, but of so much better quality that it is grown by many to the exclusion of all others. Its qualities are large size, pearly whiteness and delicious flavor. It is unsurpassed as a main crop variety for the home garden; we especially recommend it to those who desire both quality and quantity. Pkt., 10 cents; qt., 25 cents; peck, \$1.25.

This Sweet Corn has obtained for itself a substantial place in the esteem of our market gardeners, by whom it is pronounced an unequalled variety for market purposes.

### **Breck's Forcing White Spine Cucumber.**

This is a very fine strain of the White Spine for forcing. The seed we offer was raised under glass from selected specimens and will, we think, give satisfaction to all who plant it. Pkt., 10 cents; oz., 40 cents.

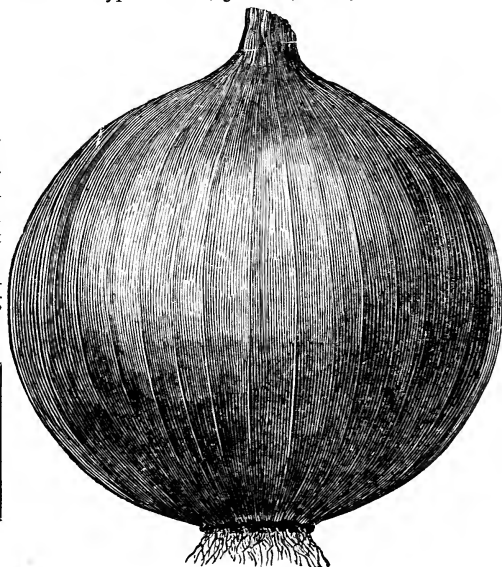


### **Breck's Boston Market Lettuce.**

This is a fine selection of the White-seeded Tennisball, and is exceedingly valuable for forcing. We recommend it, with much confidence to all who prefer the Boston Market type. Pkt., 5 cents; oz., 40 cents.

### **Breck's Danvers Yellow Globe Onion.**

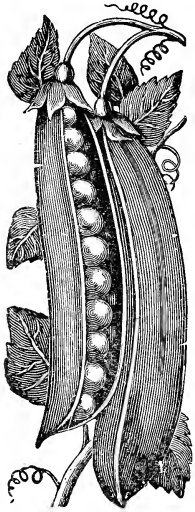
The name Danvers Yellow Globe is now applied to so many different strains of onions that purchasers of it are frequently disappointed in crop produced. This onion originated in the town of Danvers, Mass., and it is to Essex County, Mass., that we must yet turn for the most desirable and true type. Our strain has been brought to the highest state of excellence by continued selection and care in growing and we recommend it as being superior to all others. Pkt., 5 cents; oz., 25 cents; lb., \$2.00.



"When filling my order for flower seeds sent yesterday, please add a quart of Breck's New Life Peas. I grew a few last year and never had my sight and taste more gratified."

F. A. WILLARD, Hope Greenhouses,  
Providence, R. I.

See Special Offers on third page of cover.



### Breck's New Life Pea.

The *Rural New Yorker* says: "The most productive pea and, all things considered, the most valuable pea for home or for market of its season, that we have ever tried. *That's saying a good deal, for we have tried nearly every pea, old and new, from year to year, for twenty years.*"

The *New England Farmer* says: "Breck's New Life is a strong, stocky grower. The pods are as large as the Stratagem and are produced abundantly. Both pods and vines retain their bright green color for a long time." Qt., 35 cents; pk., \$2.00.

"Yours were the best seeds we ever bought from any firm, and you shall have our order next year as well as orders from many other parties in this neighborhood."

JOHN GRAPE & CO., Market Gardeners,  
Waukesha, Wis.

### Breck's Belmont Tomato.

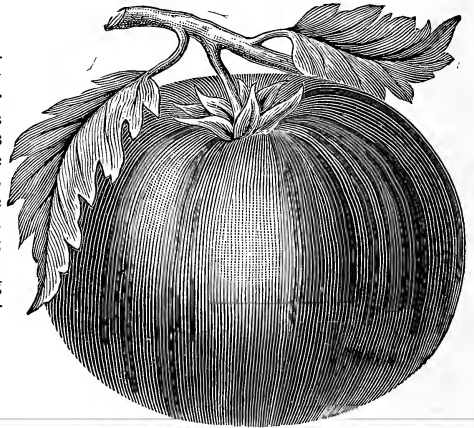
This tomato combines in itself three desirable points of merit seldom found in any one variety, namely, *earliness, productiveness and quality.* The fruit, which is of average size, does not crack, and is borne in clusters of four or five, is perfectly round, solid, free from rot, and bright scarlet in color. It has a very fine flavor, very few seeds, no core and remains firm a long time when ripe.

The vine is of vigorous growth and very prolific. Pkt., 5 cents; oz., 30 cents; ¼ lb., \$1.00.

Among our other introductions of rare merit are the following and many others, particulars of which will be found under their respective classes in the body of this catalogue.

Breck's Hub Asparagus,  
Breck's Jersey Wakefield Cabbage,  
Breck's Premium Flat Dutch Cabbage,  
Breck's Angel of Midnight Flint Corn,  
Breck's Boston Market Ensilage Corn,

Breck's System for Laying Lands down to Grass for Permanent Pasture and Profitable Mowing.



Breck's Belmont Tomato.

### Trade **ELECTRIC WORM ERADICATOR** Mark

#### for the instantaneous extermination of Worms of every sort.

The Golf Links superintendents who for years have been troubled with worms on their PUTTING GREENS will find this preparation effective, easily applied and cheap.

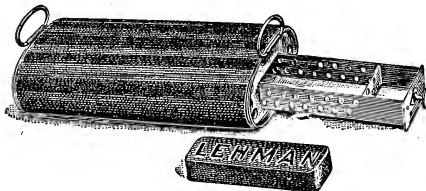
That hidden enemy, the *Cut Worm*, whose presence is only known by his destructive work, need no more be feared, as an application of the Electric Worm Eradicator along the line of plants that are attacked will effectually bring his labors to a close.

Ants are not driven away, but killed outright by one or two applications to their hills.

It can be satisfactorily employed against *Caterpillars, Flies, Red Spider, Green Fly, Mealy Bug*, and insects generally that affect Trees, Shrubs, Flowers, etc., whether grown outdoors or in the greenhouse.

It is used diluted with water at the rate of one gallon of the Eradicator to 120 gallons of water.

Full directions for use with each package. Per bottle, 50 cents, \$1.00 and \$3.00 each, net.



### Lehman's Carriage Heaters.

The use of Lehman's Carriage Heaters and Coal is no longer an experiment. Their practicability and usefulness have long since been demonstrated. The fact that 125,000 Heaters are in actual use, with an average yearly sale of 10,000 Heaters and ½ million pieces of Coal, speaks more for their merits than thousands of testimonials.

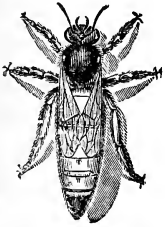
Lehman's Heater (except No. 10) is a metallic case 7¼ inches wide, 3½ inches deep, and from 14 to 20 inches in length. The top is oval, giving the feet a comfortable resting place. These Heaters, which are furnished with carpet coverings, have a lining of asbestos cloth between the carpet and the heater, making it perfectly safe from scorching. The No. 10 Heater is especially adapted to vans and large delivery wagons where an unusual amount of heat is required.

The No. 3 and No. 4 Heaters are our standard Heaters, which we specially recommend, as they are packed with a special composition which retains the heat and makes them more durable.

Not subject to either of our Special Offers.

No. 4	Plain	each,	\$4.75	No. 7	Plain	each,	\$4.00
" 5	"	"	2.75	" 10	"	"	7.25
" 6	"	"	2.25				
Coal, full size brick, 12 pieces in a box						per box,	.75
" 100 pieces in a box, cut in thirds						"	6.00

See Special Offers on third page of cover.

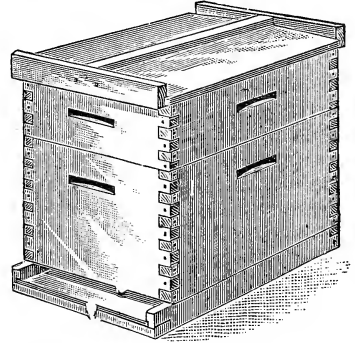


## Bees and Bee-Keepers' Supplies.

Having many calls from Market Gardeners, owners of Greenhouses, and Bee-Keepers, for articles in the Bee Supply line, we have made arrangements with a reliable apiarist to furnish full Swarms of Italian Bees, on Movable Frames, in Brood Chamber, all ready to be hived. By this method they can be examined at any time. Price upon application. We also have in stock Bee Hives, Section Boxes, Smokers, Brood and Section Foundation, Bee Veils, Rubber Gloves and many other articles necessary to the successful Bee-Keeper.

### The Dovetailed (or Lock-Corner) Hive.

The particular feature of the Hive, and hence its suggestive name is the dovetailing. Unlike the old-fashioned lap, miter, or halving plan, it will not gap or pull loose, but will successfully resist all climates. This Hive is fitted with Danzentaker bottom board and cover. As we ship, it is fitted complete with starters in Brood Chamber and Section Boxes. We have in stock but one size, the eight frame. All Hives set up ready for use. Net price, each, \$3.00.

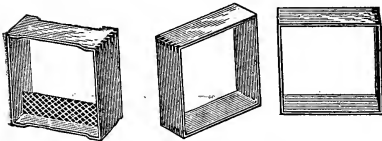


Dovetailed (or Lock-Corner) Hive.

### Section Honey-Boxes.

Section Boxes, each, 1 cent; per 100, 75 cents; per 250, \$1.25; per 500, \$2.00. Our No. 1 Sections are made of the choicest white basswood lumber, and are all perfect in finish, and free from defects. They are not all snow white, but vary from that to a light cream color. Choice honey shows off to best advantage in a section not too white, as it is the honey rather than the wood that the consumer looks at.

### Bingham Smoker.



Section Honey-Boxes.

This is strong, well made, does not clog up and burns any fuel. It has recently been improved by the addition of a curved snout to prevent fire dropping, and a safety attachment to prevent burning the fingers in removing the hot cone for replenishing. They have wide shields; have wire handle to cone, and inverted bellows. Our experience has shown it to be the most desirable. Large  $2\frac{1}{2}$  in., each, 70 cents., by mail, 90 cents.

Bee Supplies not included in Special Offers on third page of cover. We shall be pleased to quote prices on Bee Supplies not listed above.

## JOSEPH BRECK & SONS' PUBLICATIONS.

(CORPORATION)

We publish the following, and gladly mail any of them free on application.

**Annual Catalogue and Gardener's Guide**, published in January.

**Holland Bulbs and Plants**, published in September.

**Market Gardener's Catalogue**, published in February.

(For those who grow for market.)

**The Lawn, The Garden.** (Sixth Edition.)

**New Method Sweet Pea Culture.**

**Success with House Plants.**

**Points for Poultry Raisers.** A *vade mecum* for all interested in poultry. Eighth edition, revised and enlarged, includes a comprehensive treatise on the breeding and care of **Belgian Hares**.

## The Most Complete and Best Illustrated Catalogue of Agricultural Hardware, Implements, Machines and Woodenware

In the United States or the world is published by us. It contains about three hundred and eighty-four large pages ( $8\frac{1}{4} \times 11\frac{1}{4}$ ), nearly fifteen hundred illustrations, and is, in fact, the result of our experience covering a period of over 75 years.

The following brief synopsis will serve to show its value as an "Encyclopedia of Everything for the Farm, Garden, Lawn and Household."

### CONTENTS.

Improved Farm Machinery, Spraying Appliances, Dairy Supplies,  
Hoes, Forks, Rakes, Etc., Barn and Stable Supplies, Lawn Supplies,  
Farm, Garden and Greenhouse Requisites, Haying Tools of every description,  
Household Goods, Ensilage Machinery, Shovels, Spades and Scoops,  
Contractors' Supplies, Saws, Axes, Hammers, Hatchets, Cider Machinery,  
Handles of all kinds, Chains for all purposes, Root Cutters, Poultry Supplies,  
Incubators and Brooders, W. T. Wood & Co.'s Celebrated Ice Tools,  
Improved Maple Sugar Supplies, Self-Steering Sleds,  
Woodenware, a complete line, Etc., Etc., Etc.

Will be sent free, on request, to all who send us an order from this book, and to others on receipt of 15 cents to cover transportation.

See Special Offers on third page of cover.

# Breck's

## Bureau of Registry and Information

SUPPLIES THROUGH ITS

**Horticultural and**

**Agricultural Departments**

APPROVED

**Florists and Gardeners  
Farm Managers  
Farm Hands  
Coachmen  
Grooms  
Superintendents for  
Public Institutions,  
Farms, Etc.  
Men for General Work  
on Country Places,  
Etc.**

**Mercantile Department**

APPROVED

**Bookkeepers,  
Cashiers,  
Stenographers,  
Salesmen,  
Clerks,  
Shippers,  
Entry Clerks,  
Porters,  
Watchmen,  
Janitors,  
Hotel Help, Boys,  
Engineers,  
Firemen, Etc.**

**Help for Institutions and Hospitals.**

AND THROUGH ITS

**WOMEN'S MERCANTILE DEPARTMENT,**

**Supplies Approved Women Bookkeepers, Cashiers,  
Stenographers, Saleswomen, Young Women for  
Office Work, Matrons, Nurses, Etc.**

When this Bureau was established in 1890 our purpose was to secure to employers a better class of help than they had been obtaining.

How well we have succeeded is shown by the rapid growth of this Department of our business, and the many voluntary statements received concerning its convenience and the high grade of employees furnished.

We mail free on application circulars descriptive of our Bureau, and blank forms whereon employers can state particulars necessary to guide us in selecting suitable employees.

Our Bureau of Registry and Information has certainly improved and elevated the service and we believe it will continue to do so, besides supplying a long-felt want.

Through our large clientage we can serve both employer and employee more promptly and satisfactorily than can any house not having our resources.

Bear in mind that no person is sent out from this office, whose previous record for character and habits has not been carefully investigated and approved.

We take this opportunity to thank our customers for the business given us and to assure them that our bureau was never so well prepared to serve them as now; those who have not as yet patronized it are invited to do so, and give us an opportunity to practically demonstrate the benefits to be derived from its use.

Yours respectfully,

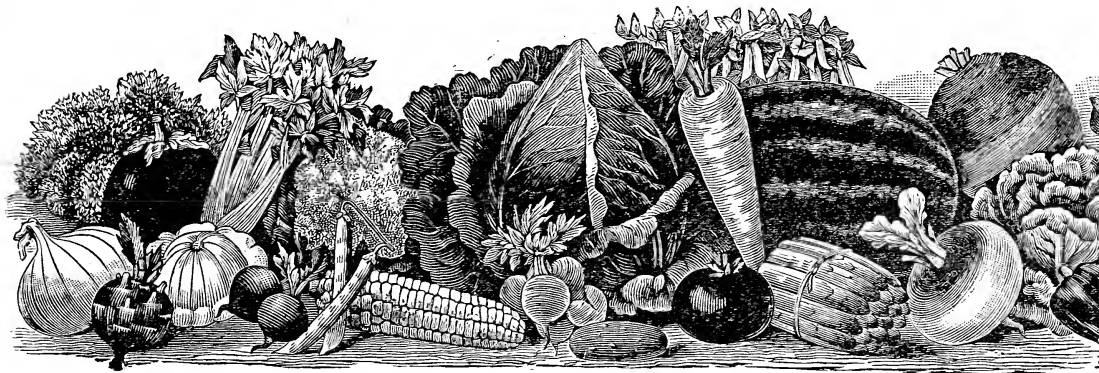
**Entrance at the "Big Clock,"  
47 to 54 North Market St.**

**Also Entrances at 46 Merchants Row  
and 21½ North St.,**

**BOSTON, MASS.**

*Joseph W. Breck, Jr.*  
(CORPORATION.)

# VEGETABLES.




## ***This List Embraces Only Really Standard Varieties***

that will under ordinarily favorable conditions give planters perfect satisfaction. All are grown from selected seed stocks, and are, we believe, the best of their respective classes. We guarantee vitality. (See page 8.)

In buying most commodities it is possible to determine their quality and value by examination; therefore in many cases the seller's experience, integrity and reputation need not necessarily count for much. This rule, however, does not apply in the seed business, for although one may readily be able to judge as to whether certain samples are free from admixture of foul or weed seeds, are of new crop, well matured, etc., this knowledge does not cover the assurance planters desire when buying. In order that a profitable crop may be raised, in addition to satisfactory texture of soil, sufficient manure or plant food, skilled sowing and cultivation, and proper weather conditions, seed that has been grown in localities which ensure perfect development, and selected through a series of generations to obtain only the best types, are also necessary. It is needless to say that this class is neither the most abundant nor cheapest on the market. In fact it is rarely found at all except in the hands of the trained seedsmen, who realize the responsibility of their business and endeavor to protect their customers accordingly.

THIS IS OUR SEVENTY-NINTH ANNUAL CATALOGUE. We believe our knowledge and reputation acquired through all these years is of value. We have built up through experience and integrity a business that in this country stands second to none in reliability and only one or two in volume. Our Golden Roll of Honor shows that we are both able and willing to satisfactorily serve the gardening and farming public, else we would not be privileged to retain these gentlemen as customers for such periods of years. We always consider our goods our best recommendation; and they continually bring us new patrons. If you have not had experience with our goods, or methods of doing business, surely some of your neighbors can tell you of them. If you desire "*the best*," inquire, and if results warrant it, send us a trial order, and you will be satisfied.

NOTE. — Prices may vary as the season advances. Ours will always be as low as the lowest for goods of equal quality.

 Please see Special Offers on third page of cover.

## **ARTICHOKE.**

German, *Artischoke*. — French, *Artichaut*. — Spanish, *Alcachofa*.

**Culture.** — A rich sandy loam is desirable, but any soil made fine by deep culture, and enriched with plenty of well rotted manure, will answer. Sow seed in hot-bed early in spring, in rows six inches apart; transplant when large enough into boxes or pots. After danger of frosts is past plant in the open ground, two feet between the plants and three feet between the rows.

This method of cultivation will produce heads for culinary purposes by September. Seed may, if desired, be sown in the open ground in May, but the little tender plants should be given protection until the cold weather of spring has passed.

Plants raised from seed sown outdoors will not give edible heads until the second summer. *One ounce of seed will sow 30 ft. of drill.*

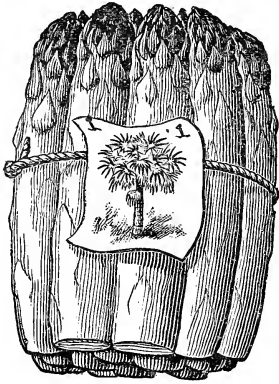
**Large Green Globe.** The best and most popular sort. Pkt., \$0.05 oz., \$0.25  $\frac{1}{4}$  lb., \$1.00  
**Early Purple, or Violet.** . . . . . " .10 " .35 " 1.10

## ***Jerusalem Artichoke.***

A species of sunflower (*Helianthus tuberosus*). A tuber that thrives well upon light dry soil and is cultivated for feeding sheep and swine. It is also used for pickles. The tops when cut and cured make an excellent dry fodder. It is propagated by tubers, which should be set in rows four to five feet apart and one foot apart in the rows. Three bushels are required to plant an acre. Qt., 25 cents; pk., \$1.25 net.

See Special Offers on third page of cover.





## Asparagus.

German, *Sparget*. — French, *Asperge*. — Spanish, *Esparragos*.  
(For price on Asparagus Roots, see Vegetable Plants.)

An asparagus bed may be made from one or two year old roots, planted in October, or during April and May. The bed should be made very rich with well-rotted manure, and thoroughly worked over to a depth of nearly two feet. Plant the roots in rows four feet apart, leaving about 12 inches between the plants in the row. Lay the roots flat in trenches, spreading them well, and using care to have all the crowns placed in the same direction. Cover lightly at first, gradually filling the trenches as the plants grow. Every fall a liberal dressing of coarse manure should be spread after the tops have been cut, and in the spring forked in. The second season after planting the bed may be cut two or three times. Do not cut too closely, as the roots require the benefit of some foliage. Seed may be sown in April in drills one inch deep and one foot apart. *One ounce of seed will sow 60 feet of drill.*

	Pkt.	Oz.	1/4lb.
<b>Conover's Colossal.</b> Large, excellent and hardy	\$0.05	\$0.10	\$0.20
<b>Hub.</b> The most approved and best sort for New England	.05	.10	.25
<b>Moore's Giant Purple Top.</b> Large and prolific	.05	.10	.25
<b>Mammoth White.</b> Pure white stalks	.05	.10	.25
<b>Palmetto.</b> A very desirable light green sort	.05	.10	.25

## Beans—English.

German, *Grosse Bohnen*. — French, *Fève de Marais*. — Spanish, *Haba*.

Plant as early in spring as the ground can be worked. The rows should be three feet apart; set the seed in the rows six inches deep, four inches apart. As the pods get formed, top the plants, thereby preventing too much running to vine.

**Broad Windsor.** The best variety for general use. Pkt., 10 cents; qt., 30 cents; pk., \$1.75.

## Beans—Dwarf or Bush.

German, *Bohne*. — French, *Haricot*. — Spanish, *Frijorenano*.

To afford a regular succession of crops throughout the season, plant every two weeks, from about the beginning of May to the end of summer; but not until the soil becomes warm, as they are very sensitive to cold. Plant in rows 18 inches apart, two inches deep; cultivate frequently, but only when dry, as the scattering of earth on the foliage or pods, when moist, will cause them to become damaged with rust. *One quart will plant 100 feet of drill.*



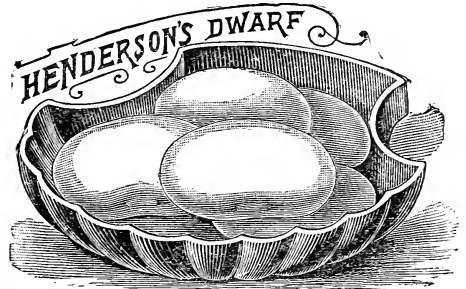
## Green-Podded Varieties.

	Pkt.	Qt.	Pk.
<b>Breck's Dwarf Horticultural.</b> An improved type. The beans are larger, the pods longer and more highly colored than the older sort	\$0.10	\$0.30	\$1.75
<b>Breck's String and Shell.</b> Excellent, when space can be given to one variety only, choose this sort	.10	.35	2.00
<b>Burpee's Stringless.</b> Extra early, very prolific, quite stringless	.10	.35	2.00
<b>Burlingame Medium.</b> A favorite for "Boston Baked Beans"	.10	.25	1.25
<b>Best of All.</b> Early, round fleshy pods	.10	.35	2.00
<b>Dwarf Horticultural.</b> A superior shell bean, medium early	.10	.35	2.00
<b>Early China.</b> Early, a continuous and productive bearer	.10	.30	1.50
<b>Early Mohawk.</b> Large flat pods, a fine early	.10	.30	1.50
<b>Early Red Valentine.</b> One of the earliest and best, pods round	.10	.35	2.00
<b>Long Yellow Six Weeks.</b> The leading market sort, flat pods	.10	.30	1.75
<b>Low's Champion.</b> Large, green, flat, stringless pods	.10	.40	2.00
<b>Prolific Tree Pea Bean.</b> A fine variety for baking	.10	.25	1.25
<b>Red Cranberry.</b> A favorite snap and shell bean	.10	.40	2.00
<b>Refugee.</b> Thorburn's extra early, of superior quality and two weeks earlier than the old sort	.10	.35	1.75
<b>Refugee. Late or 1000 to 1.</b> Very productive, round pods, largely grown for pickling	.10	.35	1.75
<b>Round Yellow Six Weeks, or Yellow Cranberry.</b> Good either as a snap or shell bean	.10	.30	1.75
<b>Thorburn's Prolific Market.</b> Enormously productive, the long, round, fleshy pods are borne in clusters	.10	.40	2.00
<b>Turtle Soup.</b> The small black bean used in soups	.10	.25	1.50
<b>The Warren.</b> An improved <i>Cranberry</i> , pods round, fleshy, and tender	.10	.40	2.00
<b>White Marrow.</b> Used generally as a winter bean	.10	.25	1.25
<b>Wonder of France.</b> <i>Green Flageolet</i> , long tender pods	.10	.30	1.75
<b>Yellow Eye Improved.</b> A profitable bean for field culture	.10	.25	1.25

See Special Offers on third page of cover.

**Dwarf or Bush Limas.**

	Pkt.	Qt.	Pk.
<b>Burpee's.</b> A true bush form of the large lima ; 18 to 20 inches high, an immense cropper	\$0.10	\$0.40	\$2.00
<b>Dreer's.</b> A bush form of <i>Dreer's Lima Pole</i> , possessing all the good qualities of that sort	.10	.40	2.00
<b>Henderson's.</b> A bush <i>Sieva</i> , a continuous cropper, fine for the home garden	.10	.35	2.00

**Dwarf Wax or Butter Varieties.**

Prolific Black Wax.

**Golden Eye Wax.** Hardy and prolific, flat pods, almost rustless  
**Lima Pod Wax.** Large lima-like wax pod, very desirable  
**Refugee Wax.** A great yielder, long, round golden pods  
**Valentine Wax.** The earliest wax variety, productive and good  
**Wardwell's Kidney Wax.** Early, long, flat wax pods, very fine  
**White Wax.** An old favorite, flat, white, fleshy pods

Henderson's Dwarf Lima.

	Pkt.	Qt.	Pk.
<b>Black Wax, Improved Prolific.</b> Very early, round, thick pods	\$0.10	\$0.30	\$1.75
<b>Black Wax, Challenge.</b> An extra early strain, excellent	.10	.30	1.75
<b>Black Wax, Saddle-back.</b> Very meaty and absolutely stringless	.10	.40	2.25
<b>Black Wax, Curries Rust Proof.</b> Flat pods, early and productive	.10	.30	1.75
<b>Black Wax, Yosemite.</b> Very large meaty pod, late	.10	.40	2.50
<b>Davis's Kidney Wax.</b> The best white seeded wax bean	.10	.35	2.00
<b>Golden Wax, Improved Rust Proof.</b> Early, long, round, stringless pods	.10	.30	1.75
	.10	.30	1.75
	.10	.35	2.00
	.10	.30	1.75
	.10	.30	1.75
	.10	.35	2.00
	.10	.35	2.00

**Beans — Pole or Running.**

German, *Stangen Bohne*. — French, *Haricots a Rames*. — Spanish, *Jidas*.

It is desirable to make the planting of Pole Beans at least a week later than the first planting of the bush sorts, as they are more tender. Plant in hills three to four feet apart, putting four or five beans in a hill, and leaving space in the centre for the pole. A liberal quantity of well-composted manure in each hill is of value.

One quart of limas will plant 100 hills. One quart of the smaller seeded sorts about 200 hills.

**Green-Podded Varieties.**

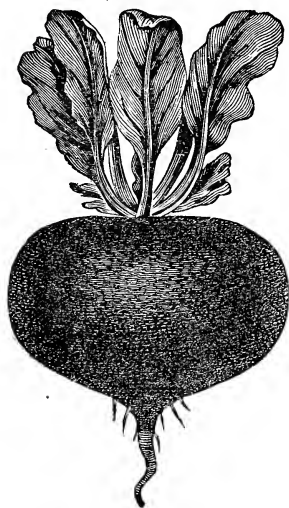
	Pkt.	Qt.	Pk.
<b>Brockton.</b> Large crimson streaked pods, productive and good	\$0.10	\$0.35	\$2.25
<b>Carmine Podded Horticultural.</b> Also called <i>Columbia</i> , <i>Hampden</i> and <i>Worcester</i> . The best Horticultural Pole Bean in existence. It is early, and produces an im- mense number of large, highly-colored pods	.10	.40	2.50
<b>Dutch Case Knife.</b> Long, green flat pods, used as snap and shell	.10	.30	1.75
<b>Horticultural, or Speckled Cranberry.</b> Of excellent quality, a great favorite	.10	.35	2.00
<b>Kentucky Wonder, or Old Homestead.</b> A very prolific, long green podded sort	.10	.35	2.25
<b>Lima, Large White.</b> An old, much esteemed variety	.10	.35	2.25
“ <b>Dreer's or Challenger.</b> Round, very thick beans, productive	.10	.35	2.25
“ <b>King of Garden.</b> Large and very fine	.10	.40	2.05
“ <b>Sieva or Small Lima.</b> Earlier and hardier than the large lima	.10	.35	2.25
<b>Red Cranberry.</b> Large, tender, stringless pods, very pro- ductive	.10	.30	2.00
<b>Scarlet Runner, Ornamental.</b> The pods are fleshy, tender and sweet	.10	.35	1.75
<b>White Dutch Runner.</b> Same habit and qualities as the <i>Scarlet Runner</i>	.10	.35	2.00

Carmin Podded  
Horticultural.

See Special Offers on third page of cover.

**Beans, Pole—Continued.****Wax-Podded Varieties.**

	Pkt.	Qt.	Pk.
<b>Flageolet Wax.</b> Large, yellow, stringless pods, medium early	\$0.10	\$0.40	\$2.50
<b>Golden Butter</b> , or Mont d'Or. Earliest of the wax pole sorts	.10	.40	2.50
<b>Golden Cluster.</b> Very large and tender, golden pods, early	.10	.40	2.50
<b>Indian Chief</b> , or Black Wax. The most popular wax pole bean	.10	.35	2.25



Breck's Beats-All Beet.

**BEET.**

German, *Runkel Rube*. — French, *Betterave*. — Spanish, *Beteraga*.

Sow from April to beginning of July, in deep rich sandy loam, one inch deep, in drills about one foot apart. Thin the young plants to the distance of six or eight inches, and fill up any vacant places with those taken out. The turnip rooted are the earliest, and are of fine quality. When young, the leaves make excellent greens. *One ounce will sow 50 feet of drill, 5 to 6 lbs. per acre.*

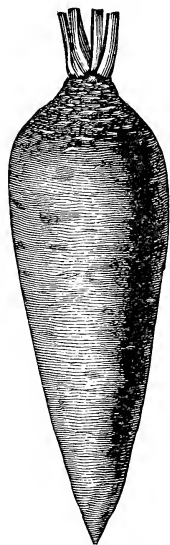


Early Arlington Beet.

	Pkt.	Oz.	Lb.
<b>Breck's Beats All.</b> Superior in all respects to others as an early or main crop variety	\$0.05	\$0.10	\$0.75
<b>Columbia.</b> Round and smooth, deep red flesh	.05	.10	.60
<b>Crosby's Egyptian.</b> As early as the original type, but thicker, smoother, and of better quality	.05	.10	1.00
<b>Crimson Globe.</b> Globe shape, flesh deep purplish red	.05	.10	.75
<b>Detroit Dark Red.</b> Quite round, skin very dark, flesh bright red	.05	.10	.75
<b>Dewing's Early Blood.</b> A standard variety of excellent quality	.05	.10	.60
<b>Early Arlington.</b> Early, deep round form, blood red color	.05	.10	.75
<b>Early Bassano.</b> The earliest of all; flesh almost white	.05	.10	.60
<b>Early Bastian.</b> A quick, large-growing sort, of good color	.05	.10	.60
<b>Eclipse.</b> Very early, dark-red color, small top, smooth roots	.05	.10	.75
<b>Edmand's Early Turnip.</b> One of the best in shape, color, size, and quality	.05	.10	.75
<b>Egyptian.</b> An early, good color, smooth turnip beet	.05	.10	.60
<b>Long Smooth Blood Red.</b> An excellent late variety	.05	.10	.60
<b>Perpetual Spinach.</b> A giant <i>Swiss Chard</i> . The leaves are very large and ornamental	.10	.15	1.00
<b>Swiss Chard, or Sea-Kale Beet.</b> This variety is cultivated solely for its leaves. The mid-rib is stewed and served as Asparagus, the other portion of the leaves being used as spinach	.05	.10	.70
<b>Beet.</b> For greens	.05	.10	.55

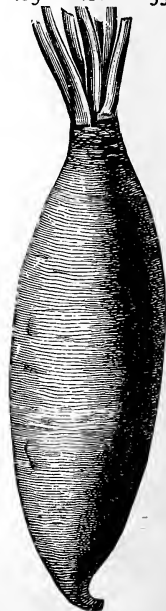
**Mangel-Wurzel and Sugar Beets.**

Sow in May or June in rows 18 inches to 2 feet apart and thin to 8 inches in the row. The value of these for stock-feeding cannot be over-estimated; for sheep, dairy-stock, and fattening of cattle, experience has proved the Mangel-Wurzel to be at once healthful, nutritious, and economical. *One ounce will sow 50 feet drill, 6 to 8 pounds per acre.*



Long Yellow Mangel.

	Pkt.	Oz.	Lb.
<b>Breck's Mammoth Long Red.</b> A selection of the long red variety. It is smooth skinned, fine grained, and a heavier cropper. We consider it superior to all others	\$0.05	\$0.20	\$0.40
<b>Gatepost.</b> The characteristics of this desirable variety are small top, tap root, heavy cropper, color pale orange	.05	.10	.40
<b>Golden Tankard.</b> A half-long variety of a bright yellow color	.05	.10	.40
<b>Kinver Yellow Globe.</b> Large globular formed roots. Adapted for growing in shallow soils	.05	.10	.40
<b>Long Yellow.</b> Differs from long red only in color	.05	.10	.40
<b>Norbiton Giant.</b> Long Red, a valuable variety	.05	.10	.40
<b>Red Globe.</b> Similar to Yellow Globe, except in color	.05	.10	.40
<b>Breck's Imperial Sugar.</b> An improved American-grown French Sugar Beet	.05	.10	.40
<b>Klein-Wanzleben Sugar Beet.</b> Unsurpassed for the production of sugar or for cattle feeding	.05	.10	.40
<b>Lane's Improved Sugar Beet.</b> A well-known variety, valuable for feeding to cattle	.05	.10	.40



See Special Offers on third page of cover.

## Borage.

The young leaves of this annual are used as a salad, or boiled like spinach. Sow in the spring, in light soil, and thin out to 8 inches apart. The flowers are a pretty blue and afford excellent food for bees throughout a long season. Borage, pkt., 5 cents; oz., 20 cents.

## Borecole or Kale.

German, *Blatterkohl*.—French, *Chou Vert*.—Spanish, *Breton*.

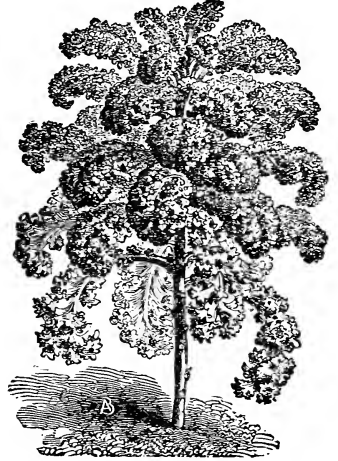
Sow early in the spring in prepared beds, covering the seeds thinly and evenly; transplant in June, and treat in the same manner as for cabbage. They are extremely hardy, and will endure quite a low temperature. The Siberian variety is also sown in September for early greens. One ounce will sow 150 feet drill.

**Dwarf Green Curled Scotch.** Leaves of a bright green and very tender and closely curled. The quality is improved if the plants are touched by frost before being used. Pkt., 5 cents; oz., 10 cents; lb., \$1.00.

**Dwarf Brown.** Similar to the preceding, but of darker color, very hardy. Pkt., 5 cents; oz., 10 cents; lb., \$1.00.

**Siberian or German Greens.** Sow in fall for spring use. Pkt., 5 cents; oz., 10 cents; lb., 80 cents.

**Tall Green Curled Scotch.** Similar to the dwarf, but of more vigorous growth. Pkt., 5 cents; oz., 10 cents; lb., \$1.00.



Green Curled Scotch Kale.

## Broccoli.

German, *Spargelkohl*.—French, *Chou Brocoli*.—Spanish, *Brocoli*.

This vegetable closely resembles the cauliflower, but is hardier. Like cabbage and cauliflower, it succeeds best in deep, rich, moist soil and in cool weather. The seed should be sown at the same time and the plants receive the same general culture as cabbage. Broccoli completes its growth from seed in from 120 to 140 days; 5 to 10 degrees of frost will not injure the plants when they are approaching maturity, One ounce of seed will produce about 1,500 plants.

	Pkt.	Oz.	¼lb.
<b>Early Purple Cape.</b> Hardy, heads of medium size, and compact formation . . . . .	\$0.10	\$0.35	\$1.25
<b>Veitch's.</b> Self-protecting, large, compact head . . . . .	.10	.35	1.25
<b>White Cape.</b> Like Purple Cape, but of a creamy white color . . . . .	.10	.35	1.25



Paris Market.

## Brussels Sprouts.

German, *Sprossenkohl*.—French, *Chou de Bruxelles*.—Spanish, *Berza de Brusela*.

Species of the Cabbage family. It produces along the whole length of the stem small sprouts resembling miniature cabbages. These heads are a great delicacy boiled in the same way as cauliflower. Seed should be sown about the middle of May in a seed bed, and the plants afterwards set out in rows two feet apart and cultivated like cabbage. Being small and hard, the sprouts are not in the least affected by frost. One ounce of seed produces about 1,200 plants.

**Dwarf Improved French.** Of sturdy, compact growth. Pkt., 5 cents; oz., 20 cents; ¼ lb., 50 cents.

**Improved Paris Market.** A most desirable strain. Pkt., 5 cents; oz., 20 cents; ¼ lb., 60 cents.

## CABBAGE.

German, *Kopfkohl*.—French, *Chou Pomme*.—Spanish, *Berza*.

(For price on Cabbage Plants, see Vegetable Plants.)

All the Cabbage tribe requires the soil to be rich, deep, well-drained, and abundantly manured. For the early kinds, plant 30 inches between the rows and 16 inches between the plants. For the late kinds, three feet between the rows and two feet between the plants. For very early use, sow in January or February, in hot-beds. Set out when the plants are strong enough into other hot-beds, or set in cold-frames in March. Transplant when danger from frost is past to the open ground. For a succession, sow in the open ground last of March or early in April. The late or winter crop seed can be sown in May and the plants set out in July. Late plants are sometimes subject to attacks of the cabbage fly, which destroys them as fast as they appear above ground. To prevent this destruction, sprinkle the plants with wood ashes, air-slacked lime, plaster, slug-shot, or tobacco dust, when the plants are wet with dew.



See Special Offers on third page of cover.

**Cabbage — Continued.**

To destroy the green worm that attacks the leaves and head of cabbage, dissolve one ounce of saltpetre in three gallons of water and with a short handled whisk broom thoroughly sprinkle the plants with the solution. *One ounce of seed produces 2,500 plants.*

	Pkt.	Oz.	Lb.
<b>All Seasons.</b> One of the best for second early and late crops, very large and a sure header.	\$0.05	\$0.25	\$2.50
<b>Danish Ball Head.</b> An unsurpassed winter variety, heads round, large, very hard, tender and fine flavored.	.05	.30	2.50
<b>Early Jersey Wakefield. Breck's Selected.</b> A fine selection of this very early, medium sized market favorite.	.05	.30	3.00
<b>Early Etampes.</b> A fine extra early sort, with pointed heads.	.05	.20	2.00
<b>Early Winnigstadt.</b> A medium early variety, with conical-shaped heads.	.05	.20	2.00
<b>Early York.</b> A standard English sort.	.05	.20	2.00
<b>Fottler's Brunswick, Improved.</b> A short stemmed early Drumhead, a general favorite.	.05	.25	2.50
<b>Henderson's Early Summer.</b> A superior second early, heads large and solid.	.05	.25	2.50
<b>Marblehead Mammoth.</b> The largest Drumhead variety.	.05	.25	2.50
<b>Premium Drumhead. Breck's Selected.</b> A standard main crop variety.	.05	.25	2.50
<b>Premium Flat Dutch. Breck's Selected.</b> A favorite winter variety for market.	.05	.20	2.00
<b>Red Perfection. Breck's.</b> Superior in size and quality to all other red sorts.	.05	.30	3.00
<b>Red Dutch, or Pickling.</b> Fine, solid, dark red heads.	.05	.25	2.50
<b>Savoy. American Improved.</b> Large, fine quality and excellent keeper.	.05	.30	3.00
<b>English Curled, or Globe.</b> Medium size and solid.	.05	.20	2.00
<b>Stone-Mason.</b> A very fine selection of the Drumhead type, nearly as early as Fottler's Brunswick, extremely solid.	.05	.30	3.00
<b>Succession. Selected.</b> Valuable second and late crop variety.	.05	.25	2.50

**Cauliflower.**

German, *Blumenkohl*. — French, *Chou-fleur*. — Spanish, *Coliflor*.  
(For price on Cauliflower Plants, see Vegetable Plants.)

Cauliflower is the most delicate and delicious of the Cabbage family. For the production of the Cauliflower a rich, deep loam is required, a low moist situation being preferable. A liberal supply of water when possible produces very marked results. Seed of the very early variety should be sown in a hot-bed in February or March and set out by the end of April. For later supply, sow seed in May, choosing a cool, moist place. When large enough, transplant, making the rows about 2½ feet apart, and 18 inches between the plants. Transplanting should be done in damp weather. To destroy the Cauliflower-Maggot, try one ounce of sulphuret of potassium dissolved in one gallon of water. Heat the liquid to about 100 degrees, and apply a tablespoonful to the stalk of the plant just above the ground. *One ounce of seed produces about 2,500 plants.*



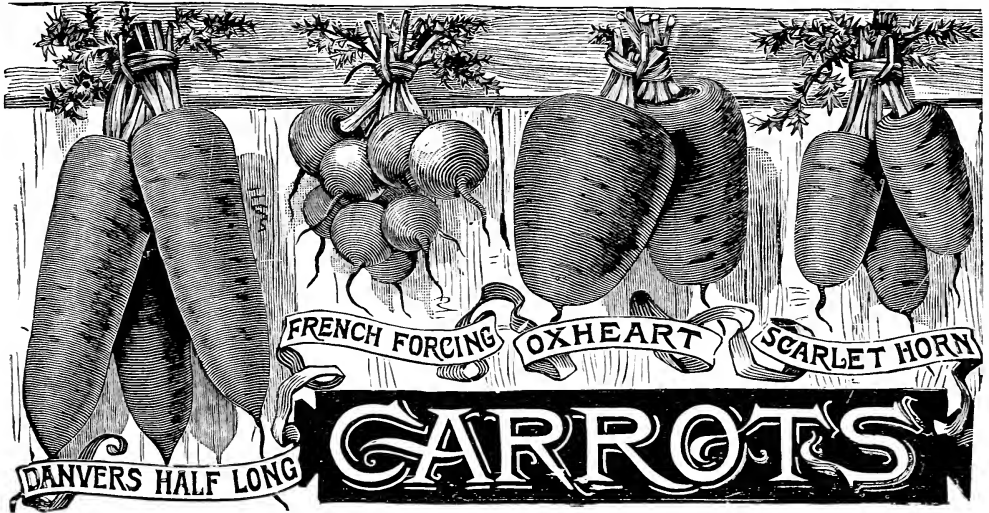
	Pkt.	Oz.	¼lb.
<b>Breck's White Bouquet.</b> This we believe is the earliest and most reliable cauliflower for New England. Since its introduction it has become an especial favorite with market gardeners.	\$0.25	\$3.50	\$12.00
<b>Early Dwarf Danish.</b> A variety of the Erfurt from Denmark. It matures evenly and is a reliable header.	.25	3.00	10.00
<b>Earliest Dwarf Erfurt.</b> A very choice strain of the well-known Erfurt cauliflower.	.25	3.00	12.00
<b>Extra Early Paris.</b> An old but still popular sort, medium size.	.10	.60	2.00
<b>Early Snowball.</b> A reliable early variety, grown largely for market.	.20	2.50	10.00
<b>Early London.</b> Large and hardy.	.10	.50	1.50
<b>Lenormand's Short Stemmed.</b> A large dwarf sort, desirable for main crop.	.10	.60	2.00
<b>Veitch's Autumn Giant.</b> A desirable large, late variety.	.10	.60	2.00

**Chervil.**

German, *Gartenkerbel*. — French, *Corfeuil*. — Spanish, *Cerafolio de Cafe*.

**Chervil, Curled.** An aromatic sweet herb that resembles parsley. The young leaves are used in soups and salads. Sow evenly, in May, in drills half inch deep, one foot apart. 5 cents per pkt.; 20 cents per oz.; \$2.00 per lb.  
**Chervil, Tuberous Rooted.** Sow in May or June after treatment same as for carrots. 10 cents per pkt.; 25 cents per oz.; \$2.50 per lb.

See Special Offers on third page of cover.



German, *Mohre*. — French, *Carotte*. — Spanish, *Zanahoria*.

Carrots are grown largely both for feeding to stock and culinary purposes; the long varieties used for the former, the "Horn" and medium sorts for the latter. The "Horn" sorts can be grown on thin soil and are mostly for early use. The others prefer deep, sandy loam that was well manured the previous year for some other crop, such as potatoes or onions. Sow in April or May or for late crops for table use, up to the end of June, about one inch deep in drills 15 inches apart for garden sorts. The rows in field cultivation should be two feet apart. Thin out the plants from three to eight inches apart, according to variety. One ounce of seed is sufficient for 100 feet of drill, four pounds to an acre.

	Pkt.	Oz.	Lb.
<b>Chantenay.</b> A type of Danvers Half-Long, but earlier and smaller . . . . .	\$0.05	\$0.10	\$1.00
<b>Danvers Half-Long.</b> The most desirable main crop variety; an excellent keeper . . . . .	.05	.10	1.00
<b>Early Scarlet Forcing.</b> Very early and valuable for forcing . . . . .	.05	.15	1.00
<b>Early Scarlet Horn.</b> A medium-sized, half-long variety of fine color . . . . .	.05	.10	1.00
<b>Guerande, or Oxheart.</b> Intermediate between half-long and Horn sorts . . . . .	.05	.10	1.00
<b>Nantes Stump Root.</b> A medium-size, medium-early table variety . . . . .	.05	.10	1.00
<b>Large Yellow.</b> A desirable variety for feeding to stock . . . . .	.05	.10	.75
<b>Large White.</b> The largest and most profitable for feeding to stock . . . . .	.05	.10	.75
<b>Long Orange Improved.</b> A large long-rooted variety, suitable for table or stock . . . . .	.05	.10	.80

### Cardoon.

German, *Kardon*. — French, *Cardon*. — Spanish, *Cardo Hortense*.

Cardoon is grown for the midrib of the leaf, which requires to be blanched in the same manner as celery. Sow early in spring, where the plants are to remain, in drills three feet apart, and an inch and a half deep, and thin out the young plants to a foot apart in the drills.

	Pkt.	Oz.	Lb.
<b>Large Smooth Spanish.</b> Grows about 4 feet high . . . . .	\$0.10	\$0.30	\$3.00

### Chicory.

German, *Cichorie*. — French, *Chicoree*. — Spanish, *Achivoria de Cafe*.

**Large Rooted.** Sow and treat in the same manner as carrots. This is the chicory of commerce used to mix with coffee. The roots

are taken up, washed, cut in small pieces and carefully dried before being used . . . . .

Pkt.	Oz.	¼ lb.
\$0.05	\$0.10	\$0.35

**Witloof.** Sow in May or June in drills, thin out to six inches apart, treat as *Endive* until end of summer, when it should be banked up like celery. The blanched stalks are used as a salad. It is also used as a boiled vegetable dressed in the same way as cauliflower . . . . .

.05	.10	.35
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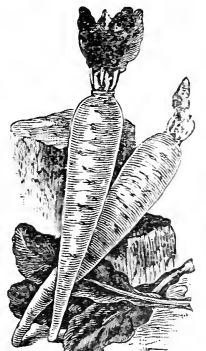
### Collards, or Colewortz.

German, *Blatterkohl*. — French, *Chou Cabu*. — Spanish, *Cabu*.

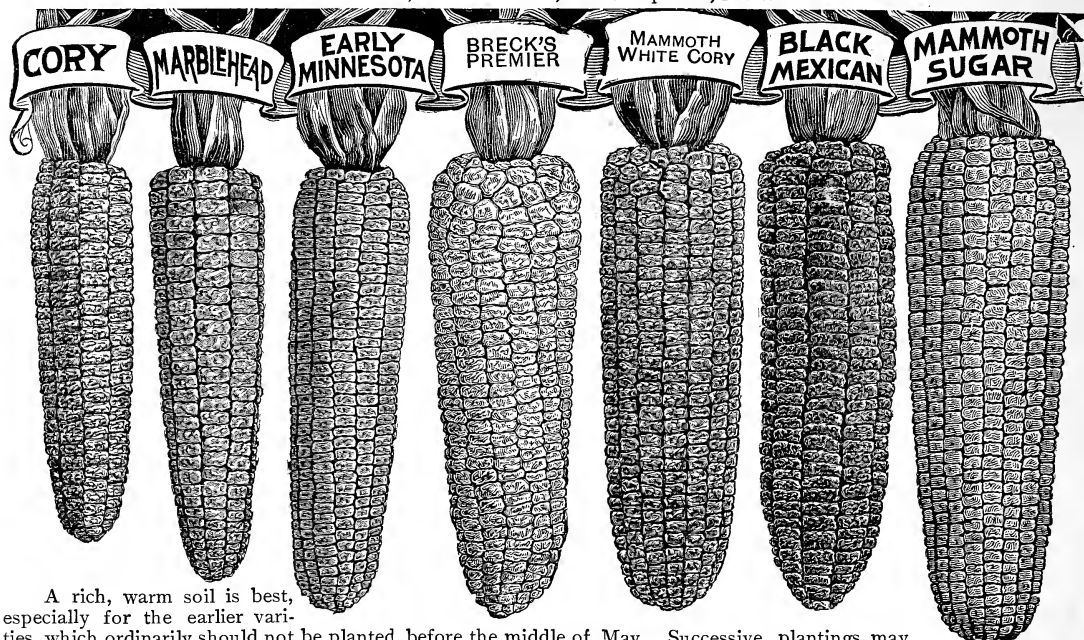
Sow seed, as for cabbage, in June, July and August for succession. Transplant when one month old into rows three feet apart and two feet apart in the rows. This vegetable is closely allied to the Cabbage family, used as greens; it is grown to a considerable extent in sandy sections, particularly in the South. One ounce of seed will produce about 3,000 plants.

**Georgia.** Per pkt., 5 cents; ounce, 10 cents; pound, \$1.00.

See Special Offers on third page of cover.



Large Rooted Chicory.

**Corn.—Sweet.**German, *Mais*.—French, *Mais*.—Spanish, *Mais*.

A rich, warm soil is best, especially for the earlier varieties, which ordinarily should not be planted before the middle of May. Successive plantings may be made until July. Plant in hills three or four feet apart each way, according to the height of the variety. *One quart will plant about 200 hills.*

**SELECTED EARS, ABOVE SORTS, FIVE CENTS EACH.**

	Pkt.	Qt.	Pk.
<b>Black Mexican.</b> Said to be the sweetest corn in cultivation, medium early	\$.10	\$0.25	\$1.25
<b>Breck's Premier.</b> Large, medium early, unequalled in quality	.10	.25	1.25
<b>Breck's Zig-Zag.</b> A main-crop sort, keeps longer in fit condition for table than any other variety	.10	.25	1.25
<b>Country Gentleman.</b> A larger and later Ne Plus Ultra type	.10	.25	1.25
<b>Crosby.</b> Josiah Crosby's strain	.10	.35	1.50
<b>Early Crosby.</b> Early and of excellent quality. An old favorite	.10	.25	1.25
<b>Early Evergreen.</b> Like Stowell's, but a week or ten days earlier	.10	.25	1.25
<b>Early Maine.</b> A fine extra early, pure white sort	.10	.25	1.25
<b>Early Mammoth.</b> Very large, medium late	.10	.25	1.00
<b>Early Minnesota.</b> Nearly as early as Cory, dwarf	.10	.25	1.25
<b>Early Red Cory.</b> A very early sort, with good-sized ears and large kernels, popular	.10	.25	1.25
<b>Early White Cory.</b> Differs from the preceding in color of cob	.10	.25	1.25
<b>Egyptian.</b> A very large, late variety, exceedingly sweet and superior	.10	.25	1.00
<b>Hickox Improved.</b> Large, handsome ears, white, superior flavor, late	.10	.25	1.25
<b>Late Mammoth Sugar.</b> Extra large ears, quality very fine, productive	.10	.25	1.00
<b>Mammoth White Cory.</b> As early as the other Cory, but with ears double the size	.10	.25	1.25
<b>Moore's Concord.</b> Medium early, large ears of unsurpassed quality	.10	.25	1.25
<b>Perry's Hybrid.</b> A large, early, favorite market sort	.10	.25	1.25
<b>Potter's Excelsior.</b> Perhaps the best and sweetest main-crop variety	.10	.25	1.25
<b>Quincy Market.</b> Larger ears and earlier than the common Crosby	.10	.25	1.50
<b>Stowell's Evergreen.</b> The standard late variety	.10	.25	1.00

**Corn.—Field.***None of our special offers apply to field, fodder or pop corn.*

	Qt.	Pk.	Bu.
<b>Angel of Midnight.</b> The earliest and best yellow flint variety	\$.15	\$0.50	\$1.50
<b>Breck's Boston Market.</b> Specially adapted for the purpose of ensilaging.	.15	.50	1.50
<b>Blunt's Prolific.</b> An early eight-rowed leafy dent variety	.15	.50	1.25
<b>Early Sanford.</b> A white flint variety, equally valuable for ensilage or grinding	.15	.50	1.25
<b>Early Yellow Canada.</b> Well-known early, eight-rowed flint variety	.15	.50	1.50
<b>Evergreen Sweet Fodder.</b> For cutting green and feeding to stock	.15	.50	1.50
<b>Golden Beauty.</b> A tall-growing leafy dent variety for ensilage	.15	.50	1.50
<b>Leaming.</b> A yellow dent variety, very valuable for ensilage	.15	.50	1.25
<b>Longfellow.</b> Eight-rowed yellow flint, long ears, with small cob	.15	.50	1.50
<b>Mastadon.</b> One of the best yellow dents for ensilage	.15	.50	1.50
<b>Pre-Historic.</b> The strongest growing sort we know	.15	.50	1.50
<b>Pride of the North.</b> Grown for ensilage or fodder	.15	.50	1.25
<b>Red Cob Ensilage.</b> An excellent fodder and ensilage sort	.15	.50	1.25
<b>White Southern.</b> Valuable for ensilage and fodder			1.00

**Pop Corn, White Rice, and Eight-Rowed White.** On the cob 10 cents per lb.

See Special Offers on third page of cover.

**Corn Salad, or Fetticus.**German, *Lammersalat*. — French, *Mache*. — Spanish, *Macha Valerianilla*.

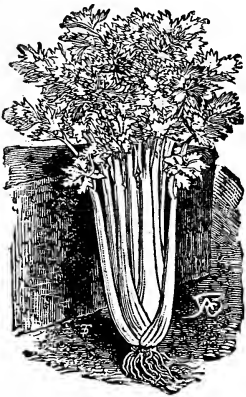
Used as a salad. It is sown very early in spring, in rows one foot apart, and is fit for use in six or eight weeks. For early spring use sow in September, and winter in cold-frames, or cover with litter. *One ounce will sow 100 feet of drill.*

**Large-Leaved.** Per pkt., 5 cents; ounce, 10 cents; pound, \$1.00.

**Celery.**German, *Sellerie*. — French, *Celeri*. — Spanish, *Apio*.

(For price on Celery Plants, see Vegetable Plants.)

Sow seed the first or second week in April in hot-bed or cold-frame. As soon as the plants have attained a height of three inches, transplant in prepared border, setting them four inches apart. In order to secure "stocky" plants, cut off the tops once or twice before again transplanting into richly manured soil, in rows four feet apart, and from seven to nine inches plant to plant. Keep down all the weeds, and as fall approaches draw earth up to the plants, keeping the stalks well together. When well blanched it is ready for use. For winter use it is usually placed in frames and covered with litter, or stored in pits or cold cellars. Some of the varieties, such as Golden Self-Blanching and White Plume, may be blanched by simply placing a board 12 to 15 inches wide on edge on each side of the row, and to hold them in place tack bits of laths across the rows at the top. The turnip-rooted variety does not require blanching, and may be planted in rows one foot apart. *One ounce of seed produces about*



Paris Golden Celery. 3,000 plants.



Pink Plume Celery.

**Boston Market.** The best and most popular sort in cultivation

**Breck's Christmas.** Without doubt this is the best of all winter sorts. It is exceedingly hardy, very large, solid, crisp, and fine flavor

**Carter's Dwarf Crimson.** Solid, crisp, and fine-flavored

**Celeriac, or Turnip-Rooted.** The turnip-shaped roots of this variety are cooked and sliced and used with vinegar, making a most excellent salad

**Giant Pascal.** A strong grower and wonderful keeper, quality very fine

**Golden Self-Blanching.** A self-blanching early golden-colored variety that is very popular. The seed we offer is from the introducer

**Keppler's Long Island.** An improved *Schuhmacher* strain. It blanches with but slight earthing up, and is a wonderful keeper

**Pink Plume, New Rose.** Color bright pink, quality first-class, an excellent keeper

**Rose Ribbed Self-Blanching.** A sport from Paris Golden, of pleasing appearance and good quality

**Sandringham.** A dwarf white variety, solid crisp and fine-flavored

**Triumph.** A large growing variety, fine quality and flavor, good winter sort

**White Plume.** This variety can be blanched with boards. It is usually solid, and of a pleasing nutty flavor

**Celery Seed for Flavoring**

Pkt.	Oz.	1/4 lb.
\$0.10	\$0.30	\$1.00
.10	.50	1.50
.05	.25	.75
.05	.20	.75
.10	.30	.75
.10	.40	1.25
.15	.60	2.00
.05	.25	.75
.10	.40	1.25
.05	.25	.75
.10	.40	1.00
.10	.25	1.00
.05	.10	.50

**Cress.**German, *Gartex und Brunnen Kresse*. — French, *Cresson*. — Spanish, *Mastuerzo*.

**Curled, or Peppergrass.** The popular sort. Sow thickly in drills in the spring season, as the ground is in good working order. As the plants rapidly run to seed, repeat sowings at intervals of about two weeks. *One ounce will sow about 100 feet of drill*

**Upland Cress.** A perennial variety, flavor pungent, resembling Water Cress. Sow in drills one foot apart, in April

**Water Cress.** This succeeds only in damp soils on the borders of ponds or streams, or where its roots are partially submerged in water. Seed should be sown about a quarter of an inch deep. The plants are rapidly propagated by root extension and self-seeding

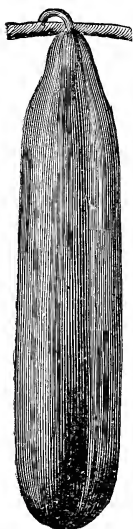
Pkt.	Oz.	1/4 lb.
\$0.05	\$0.10	\$0.25
.10	1.00	
.10	.40	

See Special Offers on third page of cover.

**Cucumber.**German, *Gurken*. — French, *Concombre*. — Spanish, *Pepino*.

The first planting should be made early in May on partly spent hot-beds; inverted sods form an excellent medium for both planting on and carrying the young plants to their permanent location, or small paper pots can be used. Such plantings are usually ready for transplanting to the open ground in from three to four weeks, and are seldom troubled with the striped bug. Transplanting, when practical, should be done in the evening, into hills four feet apart each way. Thin out to about four plants to a hill when established. The seed may be planted in hills late in May, thus giving a succession. For pickles, plant during the last two weeks of June.

Plaster dust, or an infusion of hellebore powder in water will destroy the striped bug. *One ounce will plant about 50 hills.*



Giant Pera.



Improved White Spine.

	Pkt.	Oz.	1/4 lb.
<b>Boston Pickling.</b> Produces an abundant crop of short dark-green fruit	\$0.05	\$0.10	\$0.25
<b>Breck's Forcing White Spine.</b> This seed is raised from selected specimens by an Arlington market gardener and is the best obtainable	.10	.40	1.25
<b>Cool and Crisp.</b> Extra early, long, straight and slender, dark-green color	.05	.10	.30
<b>Early Cluster.</b> Grows in clusters. Bluish-green color	.05	.10	.25
<b>Early Frame.</b> Of medium size. Valuable for both table and pickling	.05	.10	.25

	Pkt.	Oz.	1/4 lb.
<b>Early Russian.</b> The earliest variety. About four inches long	\$0.05	\$0.10	\$0.25
<b>Everbearing.</b> Medium size, early and productive	.05	.10	.25
<b>Evergreen.</b> Without an equal, quantity and quality considered	.05	.10	.25
<b>Giant Pera.</b> Very long, one of the best	.05	.15	.40
<b>Japanese Climbing.</b> A productive variety, fine quality. The vine will grow over a summer house or climb a pole if given opportunity	.05	.10	.35
<b>Long Green, Improved.</b> Late, about 12 inches long, tender and of excellent flavor	.05	.10	.25
<b>Tailby's Hybrid.</b> A cross between White Spine and an English frame sort	.05	.10	.25
<b>West India Gherkin.</b> A short green oval for pickling	.05	.15	.40
<b>White Spine, Improved.</b> A handsome early variety of uniform size and quality	.05	.10	.25
<b>" " Arlington.</b> A fine strain. It is used both for forcing and out-door cultivation	.05	.10	.30
<b>White Pearl.</b> The best white sort, early and productive	.05	.15	.40

**English Frame Varieties.**

These are mostly grown by private gardeners. They attain a length of from 12 to 30 inches, and are of fine quality.

**Rollinson's Telegraph. Blue Gown. Carter's Model.** Each per pkt., 25 cents.

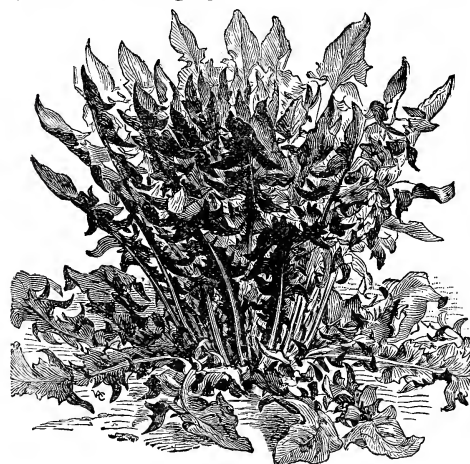
**Dandelion.**German, *Pardeblum*. — French, *Pisse-en-lit*. — Spanish, *Amargon*.

Sow seed in May or June, in drills half an inch deep and twelve inches apart. Cultivate, to keep down the weeds during summer, and the following spring the leaves will be fit to cut. Upon the approach of severe weather cover with litter, which should be removed early the following spring. Dandelion that has been blanched is much more tender and entirely lacks the bitter flavor of the plant matured in the open. The blanching is accomplished by placing two boards inverted V-shape over the rows. *One ounce will sow 200 feet of drill. One pound will sow an acre.*

	Pkt.	Oz.	Lb.
<b>American Improved.</b> Large, fleshy leaves.	\$0.10	\$0.40	\$4.50
<b>French Garden.</b>	.05	.20	2.50
<b>Thick-Leaved French.</b> Large and tender.	.05	.20	4.50

**Egg-Plant.**German, *Eierpflanze*. — French, *Aubergine*. — Spanish, *Berengena*.  
(For price of Plants, see Vegetable Plants.)

Sow in hot-bed early in spring, and transplant when two inches high into another bed or small pots. Plant out three feet apart when weather is perfectly settled and warm. Keep the plants watered for a few days after transplanting until they begin to show signs of being established. *One ounce will produce about 1,000 plants.*



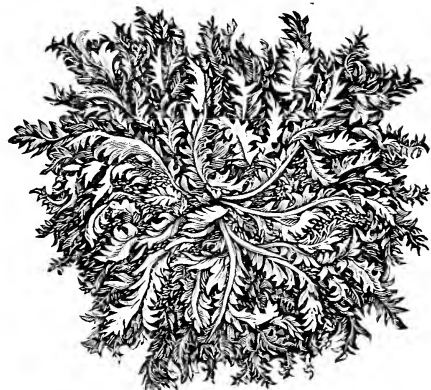
Thick Leaf French Dandelion.

	Pkt.	Oz.	Lb.
<b>Black Pekin.</b> Early, fruit jet black, round in form and very solid	\$0.10	\$0.40	\$4.00
<b>Early Long Purple.</b> Differing in shape from the foregoing; hardy and productive	.10	.30	3.00
<b>New York Improved.</b> The leading market variety; excellent and very productive	.10	.40	4.00
<b>White Pearl.</b> A large white fruited variety; ornamental and useful	.10	.40	4.00

See Special Offers on third page of cover.

**Endive.**German, *Endivien*.— French, *Chicoree*.— Spanish, *Endivia*.

Sow for an early supply about the middle of April. As it is used mostly in the fall months, the main sowings are made in June and July. When up, thin out to eight inches apart, and water well afterwards if dry. When the leaves are six to eight inches long, blanch by gathering together and tying near the top with yarn or raffia. This must be done when the plants are quite dry or they will rot. Before cold weather, take up carefully with a ball of earth to each plant, and place close together in a cold frame or cellar for use. Keep dry and give plenty of air, or they will rot. *One ounce will sow 150 feet of drill.*



Moss Curled Endive.

	Pkt.	Oz.	1/4 lb.
<b>Broad Leaved</b> (Escarolle). A very sweet variety for fall and winter use . . . . .	\$0.05	\$0.20	\$0.60
<b>Green Curled.</b> The standard sort, suitable for fall and winter . . . . .	.05	.20	.60
<b>Moss, or Parisian Curled.</b> A small very beautifully curled sort . . . . .	.05	.20	.60
<b>White Curled.</b> Grown for early use . . . . .	.05	.20	.60

**Kale.—See Borecole.****Kohl-Rabi (Turnip-Rooted Cabbage).**German, *Kohl-Rabi*.— French, *Chou-Rave*.— Spanish, *Col de nabo o Nabicol*.

An intermediate vegetable between the cabbage and turnip. Sow in April, in rows 18 inches apart, and thin out or transplant in rows eight inches apart. When three to four inches in diameter they are fit to eat. For late use, sow in June and July. *One ounce will sow 150 feet of drill.*

	Pkt.	Oz.	1/4 lb.
<b>Early White Vienna</b> , flesh white . . . . .	\$0.05	\$0.25	\$0.60
<b>Early Purple Vienna</b> , differing from the above in color . . . . .	.05	.25	.60

**Leek.**German, *Lauch*.— French, *Poireau*.— Spanish, *Puerro*.

Makes a valuable second crop on land that has been used for cabbage, etc., but the soil should receive a liberal dressing of well-composted manure before being planted. Sow the seed in April, in rows one foot apart, and transplant in July. Transplant quite deeply into rows 15 inches apart, with six inches between the plants. Hoe up the earth around the stems when they begin to grow, so as to blanch and make them tender. Take up and store in earth in a cool cellar before winter weather. *One ounce of seed will sow 100 feet of drill.*

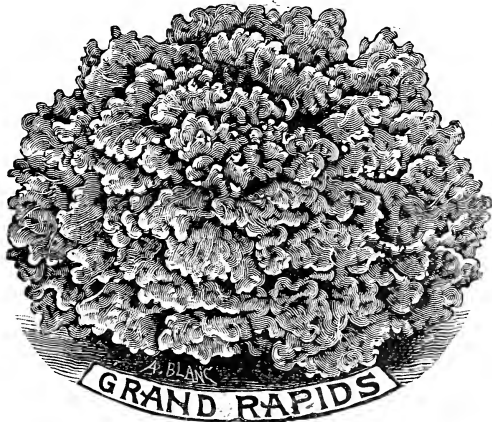
	Pkt.	Oz.	1/4 lb.
<b>Large Flag.</b> A hardy and profitable sort, excellent for winter use . . . . .	\$0.05	\$0.25	\$0.60
<b>Large Rouen Winter.</b> Large and of fine flavor, remains a long time in good condition . . . . .	.05	.30	.75
<b>Musselburgh, or Carentan.</b> The famous Scotch sort, large, hardy and distinct . . . . .	.05	.30	.75

**Lettuce.**German, *Lattich-Salat*.— French, *Laitue*.— Spanish, *Lechuga*.

(For price on Lettuce Plants see Vegetable Plants.)

The most easily grown of all open-air plants used for salads. It requires a warm soil that has had a liberal dressing of well-rotted manure and abundant moisture. To be of a satisfactory quality, the growth should be rapid and vigorous. Seed may be sown in a frame in February or March, the plants set out as early as the ground can be worked, as light frosts will not injure them. Set the plants nine inches apart in the rows, and 18 inches between the rows. For successive crops, sowings may be made every two weeks up to the end of August. To grow cos successfully the seed must be sown early in a hot-bed, and when large enough transplanted to a cold-frame in order to have good plants ready to set out when the ground becomes workable. They require tying for a few days, when grown, to blanch them. *Breck's Boston Market, Big Boston and Hittinger's Belmont* are varieties especially suitable for growing under glass. *One ounce of seed will produce about 4,000 plants.*

	Pkt.	Oz.	1/4 lb.
<b>All the Year Round.</b> Medium size, firm heads that do not readily run to seed. Good for summer sowing . . . . .	\$0.05	\$0.25	\$0.75
<b>Big Boston.</b> Suitable alike for cold-frames or open ground, large and tender . . . . .	.05	.25	.75
<b>Black Seeded Tennisball,</b> Arlington Strain. One of the most popular sorts for outdoor cultivation. The heads are tender and compact with outer leaves . . . . .	.05	.30	1.00



See Special Offers on third page of cover.

**Lettuce—Continued.**

**Black Seeded Simpson.** A superior variety, large, light colored heads . . . . . \$0.05

**Boston Curled.** Esteemed for its earliness, beauty and good table qualities. . . . . .05

Pkt.	Oz.	¼ lb.
\$0.05	\$0.25	\$0.75
.05	.25	.75

**Breck's Boston Market.** A carefully selected strain of *White Seeded Tennisball*. Grows very compact, and is a most profitable forcing variety . . . . . .05

**Denver Market.** An early head variety. The leaves are blistered like a savory cabbage, forces well . . . . . .05

**Early Curled Simpson.** Early, forms a compact mass of tender leaves of a yellowish-green color . . . . . .05



**Early Prize Head.** Large heads, dark colored, tender and fine . . . . . \$0.05

**Grand Rapids Forcing.** Large and tender, fine for forcing . . . . . .05

**Hanson Improved.** One of the best out-door sorts, large, solid, heavy, crisp heads . . . . . .05

**Hittinger's Belmont.** Unsurpassed for greenhouse forcing. Heads are larger than *White Seeded Tennisball*, and a little later. The strain of seed is local grown and highly selected . . . . . .10

**Iceberg.** Large, solid heads, handsome, tender and crisp . . . . . .05

**New York Cabbage.** Dark green color, large, solid heads . . . . . .05

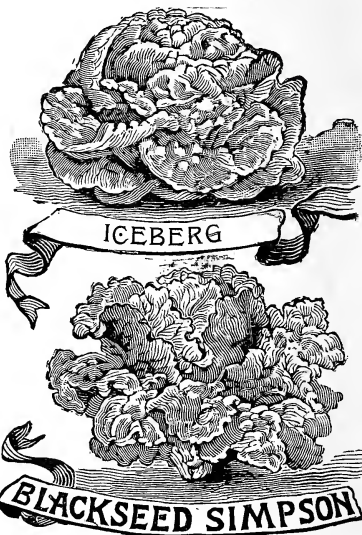
**Paris White Cos, or Romaine.** Very early, requires tying to blanch . . . . . .05

**Salamander.** One of the best summer cabbage sorts . . . . . .05

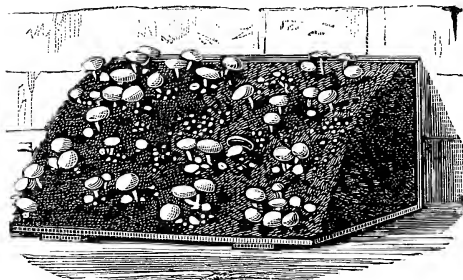
**Sensation.** Excellent for forcing or outdoor culture; it does well during the hot summer months, heads large and solid . . . . . .05

**Trianon, Self-Closing Cos.** The best cos sort, withstands warm weather . . . . . .05

Pkt.	Oz.	¼ lb.
\$0.05	\$0.20	\$0.60
.05	.20	.60
.05	.25	.75
.10	.40	1.00
.05	.25	.75
.05	.25	.75
.05	.20	.60
.05	.20	.60
.05	.25	.75
.05	.25	.75

**Mushroom.**

German, *Champignon*. — French, *Champignon*. — Spanish, *Hongo*.  
(Our special offers do not apply to Mushroom Spawn.)



Mushrooms may be grown in cellars, out-houses, sheds, under greenhouse benches. The amateur, however, is more likely to meet with success in cellars than elsewhere, as the cool moisture of the atmosphere and the uniform temperature are more congenial to the growth of this vegetable than in the structures above ground. The temperature should range between 55 and 60 degrees. Use a mixture of equal *weights*, fresh horse droppings and loam that has no manure in it. Before placing this mixture in the bed turn it over every day for a week, so that it does not heat violently, and be careful to keep it under cover, so that it cannot get wet. Then begin to make the bed by spreading thin layers of the mixture, and pound each firm, until you have in all a depth of eight to 10 inches; leave it thus for a few days until the heat runs up to 100 degrees or over and then declines to 90 degrees; when this point is reached it is ready for spawning, which is done by making holes, three or four inches deep and 12 inches apart each way; into each hole put a piece of spawn about as large as a hen's egg and fill in the hole with compost. At the end of 10 or 12 days the spawn will have run through the whole bed. There should then be spread over the entire surface about two inches of fresh loam. Over all place a few inches of straw. All that remains to be done is to keep the temperature as near 60 degrees as possible; it should never be allowed to fall below 50 degrees, or the crops will be both reduced and delayed. Ordinarily, if the conditions are right, mushrooms will appear in about six weeks and continue to come for about a month. In the event of the surface of the bed becoming very dry sprinkle it freely with water at a temperature of about 100 degrees. After the crop has been taken off the bed, it should receive a dressing of fresh loam to a depth of half an inch, thoroughly firmed, over the entire surface, and when dry a sprinkling with water as above recommended, and a second crop will soon be had. *A brick of English spawn is sufficient for nine square feet of bed.*

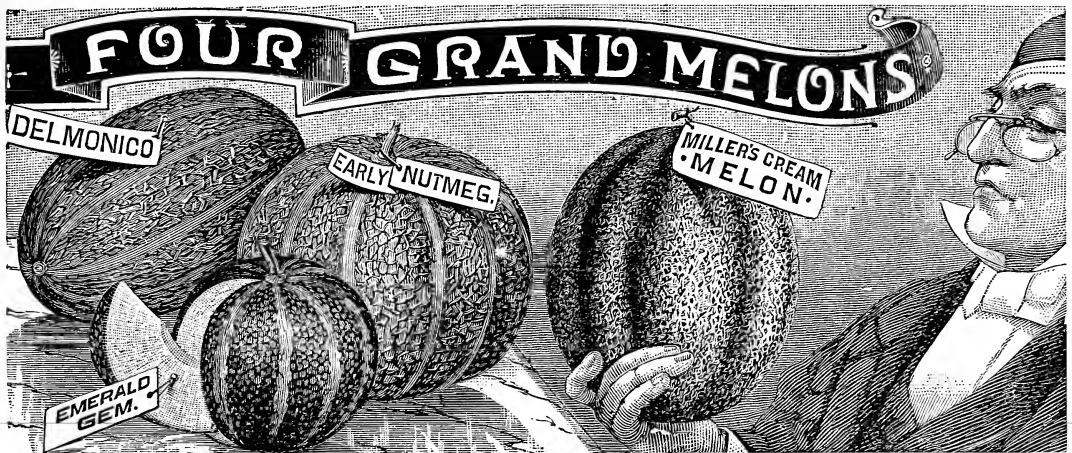
**Mushroom Spawn.** Original English Milltrack, superior to all others. Lb., 12 cents; 50 lbs., \$5.00; 100 lbs., \$9.00.

**Mushroom Spawn.** Genuine French Virgin. Lb. 50 cents; 100 lbs., \$45.00.

**"How to Grow Mushrooms,"** by Faulkner, the most practical work on the subject to date. \$1.50.

**"Mushroom Culture,"** by Robinson. \$0.75.

See Special Offers on third page of cover.



### Melon (Musk).

German, *Melone*. — French, *Melon*. — Spanish, *Melon*.

Melons prefer a warm, light, sandy loam; being tender, plantings should not be made before the middle of May. Plant about six seeds, half-inch deep, in hills five to six feet apart each way. The hills should have at least a peck of well-rotted compost thoroughly stirred into each of them before the seed is planted. When well-grown thin out to three plants in a hill. If an earlier crop than this method of cultivation allows is desired, the directions given for growing early cucumbers may be followed. Slug shot, tobacco dust, coal ashes or dry lime are excellent to sprinkle over the young plants to prevent the attack of insects. *One ounce will plant about 60 hills. Two pounds will plant an acre.*

	Pkt.	Oz.	1/4lb.
<b>Bay View Cantaloupe.</b> Large size, green flesh, fine flavor, late	\$.05	\$0.10	\$0.25
<b>Breck's Improved Emerald Gem.</b> Large, solid orange flesh of unequalled quality	.10	.15	.35
<b>Casaba.</b> Large size, green flesh, fine quality	.05	.10	.25
<b>Colorado, or Rocky Ford.</b> Very popular, flesh light green color, sweet and delicate flavor	.05	.10	.25
<b>Delmonico Perfected.</b> Medium size, deep orange-pink flesh, delightful flavor	.05	.10	.25
<b>Early Christiana.</b> Green with yellow flesh, an excellent early sort	.05	.10	.25
<b>Emerald Gems.</b> Small, but prolific, superior quality	.05	.10	.25
<b>Extra Early Hackensack.</b> Several days earlier than Hackensack, beautifully netted	.05	.10	.25
<b>Hackensack.</b> Large, productive, and fine flavored	.05	.10	.25
<b>Large Yellow Musk.</b> Large, flesh salmon-yellow, very sweet	.05	.10	.25
<b>Long Island Beauty.</b> Round, one of the earliest and best	.05	.10	.25
<b>Miller's Cream.</b> Osage type, thick salmon-color flesh.	.05	.10	.25
<b>Montreal Green Nutmeg.</b> Early, large size, excellent quality	.05	.10	.25
<b>Netted Gem Round.</b> Very early, small, fine flavor, green flesh	.05	.10	.25
<b>Osage.</b> Light green, netted skin, orange flesh, good quality	.05	.10	.25
<b>Paul Rose.</b> Medium size, oval form, salmon flesh, thick, meaty and extra quality	.05	.10	.30
<b>Pomegranate.</b> Ornamental, for perfume, late	.05	.15	.35
<b>Prolific Nutmeg.</b> Thick green flesh, with honey flavor	.05	.10	.25
<b>Surprise.</b> Bright yellow flesh, musky flavor, medium size	.05	.10	.25
<b>Tip-Top.</b> Sweet, juicy, fine flavor, firm flesh	.05	.10	.25
<b>White Japan.</b> Early, medium size, skin cream-white	.05	.10	.25
<b>Mango.</b> For pickles, small, used in the green state	.05	.15	.40

### Melon (Water).

French, *Melon d'eau*. — German, *Wassermelone*. — Spanish, *Sandia*.

Water melons require the same general treatment as musk melons; but being more tender they should have the best possible exposure. The hills should be eight feet apart. *One ounce for 40 hills; three pounds for an acre.*

	Pkt.	Oz.	1/4lb.
<b>Black Spanish.</b> Scarlet flesh, thin rind, sugary flavor	\$.05	\$0.10	\$0.25
<b>Citron.</b> For preserving	.05	.10	.25
<b>Cuban Queen.</b> Round, large, bright red, sweet and sugary	.05	.10	.25
<b>Green and Gold.</b> Large early variety, of fine quality, best for New England	.05	.10	.25
<b>Ice Cream.</b> Medium size, solid, scarlet flesh, fine flavor	.05	.10	.25
<b>Kolb's Gem.</b> Bright-red flesh, one of the best shippers	.05	.10	.25
<b>Mammoth Iron Clad.</b> Very large, solid, and of delicious flavor	.05	.10	.25
<b>Mountain Sweet.</b> One of the best for general culture	.05	.10	.25
<b>Phinney's Early.</b> A standard sort for New England, bright-red, flesh, sweet and tender	.05	.10	.25
<b>Vick's Early.</b> Early, medium size, oblong form, pink flesh	.05	.10	.25

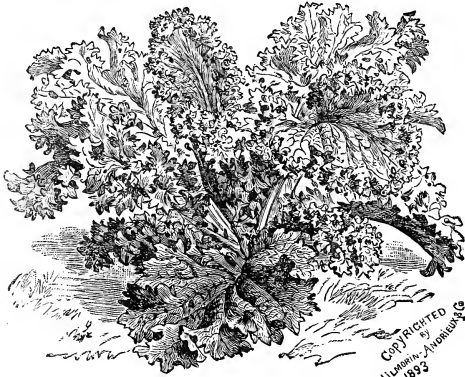
### Martynia.

The seed-pods are used for pickling, and should be gathered when green and tender. Plant in the open ground the last week of May in rows two feet apart, making hill one foot apart in the rows; place several seeds in each hill, and when well up thin out to one plant. The seed may also be sown in a hot-bed, and the seedlings afterwards transplanted. *One ounce will plant 50 hills.*

	Pkt.	Oz.	1/4lb.
<b>Martynia Proboscidea</b>	.05	.40	\$1.00

See Special Offers on third page of cover.

# Mustard.



Chinese Mustard.

German, *Senf*. — French, *Moutarde*. — Spanish, *Mostaza*.

Cultivated for salad. The leaves are used like cress when very young. Sow thickly in rows at different times from April to June, and cut when about two inches high; for use during winter, it may be sown at intervals in boxes, in the greenhouse, or in a frame. *One ounce will sow 40 feet of drill.*

	Oz.	Lb.
<b>Brown or Black.</b> More pungent in flavor than white	\$0.05	\$0.25
<b>Chinese.</b> Leaves twice the size of the ordinary white mustard, of a deeper green, flavor pleasantly sweet and pungent, and desirable as a salad	.15	1.25
<b>White London</b>	.05	.25

# Nasturtium, or Indian Cress.

German, *Indianische Kresse*. — French, *Capucine*. — Spanish, *Capuchina*.

Cultivated both for use and ornament; the seeds while young and succulent are picked and used as capers. The young leaves are also useful in salads. The many beautiful colored flowers, which bloom freely all summer, add a charm to the garden. *One ounce will sow 40 feet of drill.*

	Pkt.	Oz.	Lb.
<b>Dwarf.</b> Good for borders	\$0.05	\$0.20	\$1.75
<b>Tall.</b> Excellent for covering fences, trellis-work, etc.	.05	.15	1.50

For complete list of finest flowering sorts, see Novelties, and pages 119, 124.

# Okra, or Gumbo.

German, *Essbarer*. — French, *Gumbo*. — Spanish, *Quibombo*.

This vegetable is of the easiest culture, and grows freely, bearing abundantly in any ordinary garden soil. Sow early in May, in drills two inches deep, thin out the plants to about three feet apart. *One ounce will sow 40 feet of drill.*

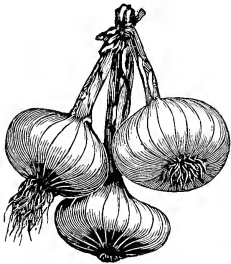
	Pkt.	Oz.	1/4 lb.
<b>Dwarf Green.</b> Early and productive, tender pods	\$0.05	\$0.10	\$0.25
<b>Tall Green.</b> Later than the foregoing, an immense cropper, pods extra large and tender	.05	.10	.25
<b>White Velvet.</b> Large, creamy-white pods, very tender	.05	.10	.25

# Onion.

German, *Zweibel*. — French, *Oignon*. — Spanish, *Cebolla*.

The onion thrives best in rather strong, deep, loamy soil, which should be well enriched with old well-rotted manure or compost, or what is better, deeply trench, add manure the autumn previous to sowing, and lay upon ridges during the winter to soften. Sow the seed thinly in drills about one-quarter inch deep and one foot apart. To ensure quick and safe germination after sowing the seed, the drills should be trod along evenly with the foot, and then raked even, so that the hot, dry atmosphere may not dry up and destroy the sprouting seed. When three inches high thin to three inches apart. Hoe frequently to keep down weeds. In the seed rows where the hoe cannot be used, the soil should be stirred with the fingers, otherwise weeds will quickly grow up and choke the crop. *One ounce of seed will sow 100 feet drill; four pounds per acre.*

The seed we offer, with the exception of the imported varieties, is Eastern grown, and calculated to give more satisfactory results than Western grown seed.



White Portugal.



Southport White Globe.



Tall Green Okra.

	Pkt.	Oz.	Lb.
<b>Red Globe.</b> (Southport Strain.) The finest large red sort	\$0.05	\$0.25	\$2.00
<b>Large Wethersfield.</b> Immense yielder, excellent keeper	.05	.20	1.50
<b>Extra Early.</b> Flat shape, deep red, mild flavor	.05	.20	1.50
<b>Italian Tripoli.</b> Large size, flat shape, mild flavor	.05	.20	1.50
<b>Giant Rocca.</b> Globe shape, light red, very mild flavor	.05	.20	1.50
<b>Bermuda.</b> (Teneriffe grown.) Very early and mild	.05	.25	2.50
<b>White Globe.</b> (Southport strain.) Mild flavor, early and large, not a good keeper	.05	.25	2.50
<b>Portugal.</b> Large, flat shape, mild flavor, not a good keeper	.05	.25	2.50
<b>Queen.</b> Small, pure white, extra early, fine for pickles	.05	.25	2.50
<b>Mammoth Garganus, or Silver King.</b> Silvery white, Italian, large size, mild flavor	.05	.25	2.00

See Special Offers on third page of cover.

**Onion.** — *Continued.*

Breck's Yellow Globe Danvers.

	Pkt.	Oz.	Lb.
<b>Yellow, Breck's Yellow Globe Danvers.</b> This is a home grown pedigree strain that we believe to be superior to any other Yellow Globe obtainable . . . . .	\$0.05	\$0.25	\$2.00
" <b>Yellow Globe.</b> Grown from selected bulbs, a very good type . . . . .	.05	.20	1.50
" <b>Southport Globe.</b> Handsome and distinct, somewhat late . . . . .	.05	.20	1.50
" <b>Early Cracker.</b> Flat shape, early, and a good keeper . . . . .	.05	.25	2.00
" <b>Prizetaker, or Globe Spanish.</b> Large, light yellow . . . . .	.05	.20	2.00

**Onion Sets.**

(Prices Variable.)

(Our Special Offers do not apply to Onion Sets.)

The sets should be planted out as early in spring as the ground is dry enough to work; plant them in rows one foot apart, with sets three or four inches apart. When raised from sets the onions can be used in the green state in June, or they will be ripened off by July.

	Qt.	Pk.
<b>Yellow</b> . . . . .	\$0.25	\$1.25
<b>Potato Onions</b> . . . . .	.25	1.50
<b>Top, or Button, Onions</b> . . . . .	.25	1.25
<b>White</b> . . . . .	.30	1.50
<b>Shallots</b> . . . . .	.30	1.50
<b>White Multiplier, or Potato</b> . . . . .	.25	1.25

**Parsley.**German, *Petersilie.* — French, *Persil.* — Spanish, *Perejil.*

Soak the seeds a few hours in tepid water, and sow early in the spring in drills one foot apart; thin out the plants to three or four inches apart; a single row forms a very good edging for beds or walks. The seed germinates very slowly, and sometimes two or three weeks will elapse before the plants make their appearance. To preserve in winter, transplant to a light cellar or cold-frame. The Turnip-Rooted variety should be thinned out while the plants are quite young, and afterwards treated the same as carrots. *One ounce to 150 feet of drill.*

	Pkt.	Oz.	1/4lb.
<b>Champion Moss Curled.</b> Leaves beautifully curled, extra fine for garnishing . . . . .	\$0.05	\$0.10	\$0.25
<b>Fern-Leaved.</b> Most exquisite in form and coloring . . . . .	.05	.10	.25
<b>Hamburg, or Turnip-Rooted.</b> Roots used for flavoring soups . . . . .	.05	.10	.25

**Parsnip.**German, *Pastinake.* — French, *Panais.* — Spanish, *Pastinaca.*

Sow thick in April, in rows 18 inches apart, and one inch deep, in a rich, deep soil, well manured the previous fall, or with fine manure early in March. When the plants are two or three inches high, thin out to five or six inches apart in the rows. Unlike carrots, they are improved by frost, and it is usual to take up in the fall a sufficient quantity for winter use, leaving the rest in the ground until spring, to be dug up as required. *One ounce for 100 feet of drill; five pounds to an acre.*

	Pkt.	Oz.	Lb.
<b>Breck's Market Garden.</b> For flavor, texture of flesh, form, smoothness and as a cropper, this variety is without an equal. This seed is New England grown . . . . .	\$0.05	\$0.15	\$1.00
<b>Early Round, or Turnip-Rooted.</b> Suitable for shallow soils, a fine cropper and good quality . . . . .	.05	.10	.60
<b>Hollow Crown.</b> A standard sort, large, and of good flavor . . . . .	.05	.10	.60
<b>Long Smooth White.</b> Free from coarse roots, a general favorite . . . . .	.05	.10	.60

**Pumpkin.**German, *Kurbis.* — French, *Courge.* — Spanish, *Calabaza.*

The pumpkin is now little used except for agricultural purposes, the squashes being so much sweeter, drier and finer grained for the kitchen. The farmer, however, finds the pumpkin a serviceable addition to his feed. The most common and least troublesome method of cultivation is to plant among the corn in hills eight feet apart, four seeds in a hill.

	Pkt.	Oz.	Lb.
<b>Connecticut Field.</b> Very productive; largely grown for feeding stock. . . . .	\$0.05	\$0.10	\$0.25
<b>Japan Crookneck.</b> Fine keeper, of first quality . . . . .	.05	.10	.60
<b>Large Cheese, or Kentucky Field.</b> Very productive; grown for both stock and table . . . . .	.05	.10	.60
<b>Mammoth King.</b> This variety often weighs over 100 pounds . . . . .	.05	.15	1.00
<b>Mammoth Red Etampes.</b> One of the largest, skin red, flesh very thick and fine flavored . . . . .	.05	.15	1.00
<b>Nantucket, or Negro.</b> Dark, warted skin, excellent for pies . . . . .	.05	.10	.60
<b>Quaker Pie.</b> A good keeper and fine for pies . . . . .	.05	.10	.60
<b>Sweet Sugar.</b> Round, small, and very sweet, an excellent table variety . . . . .	.05	.10	.60
<b>White Cushaw.</b> A pure white crookneck variety . . . . .	.05	.10	.60
<b>Winter Luxury.</b> A fine keeper and one of the best for pies . . . . .	.05	.10	.60

See Special Offers on third page of cover.

**Peas.**German, *Erbse*. — French, *Pois*. — Spanish, *Chicaros*.

Peas come earliest to maturity in light, rich soils, but for a general crop a deep loam or moderately heavy soil is better. Some time may be saved in getting an early crop, by sowing a quantity in a shallow box filled with moist sand, and planting outside when well sprouted, but if the soil is dry at the time of transplanting a good watering must be given to prevent injury. Sow the smooth sorts as early in spring as the ground can be worked, and make successive sowings every ten days, the wrinkled sorts being given the preference as soon as the ground is warmed up. Plantings of the earliest sorts, such as Breck's Excelsior, may be made through July and even up to the 10th of August with reasonable hope of a crop. Sow in rows, from two to five feet apart, according to the height of the variety. The first sowings will be earlier if covered only one inch deep; those following should be covered two to six inches deep; the deep planting prevents mildew and prolongs the season. Fresh manure, and wet soils should be avoided as they cause a too rank growth of vine. The wrinkled varieties are sweeter and of more delicate flavor than the smooth sorts, but are liable to rot if sown too early. The holes which are sometimes found in peas are produced by the pea weevil (*Bruchus pisi*). These holes do not affect the growing of the peas, for as great a percentage of growth is obtained from infested peas as from those not stung by the beetle. For the past few years, late peas in some sections have suffered much from a new pea louse (*Nectarophora destructor*). If this pest is thrown to the ground by striking the vines with a feather duster or other light weapon and the space between the drills promptly hoed or raked little injury will result to the crop. The well known lady-bug is a natural enemy of the pea louse and if seen on the vines should not be disturbed, as it does much to prevent the ravages of the louse. Kerosene emulsion is fairly effective in freeing the vines of insects. *One quart of peas will sow about 100 feet of drill.*

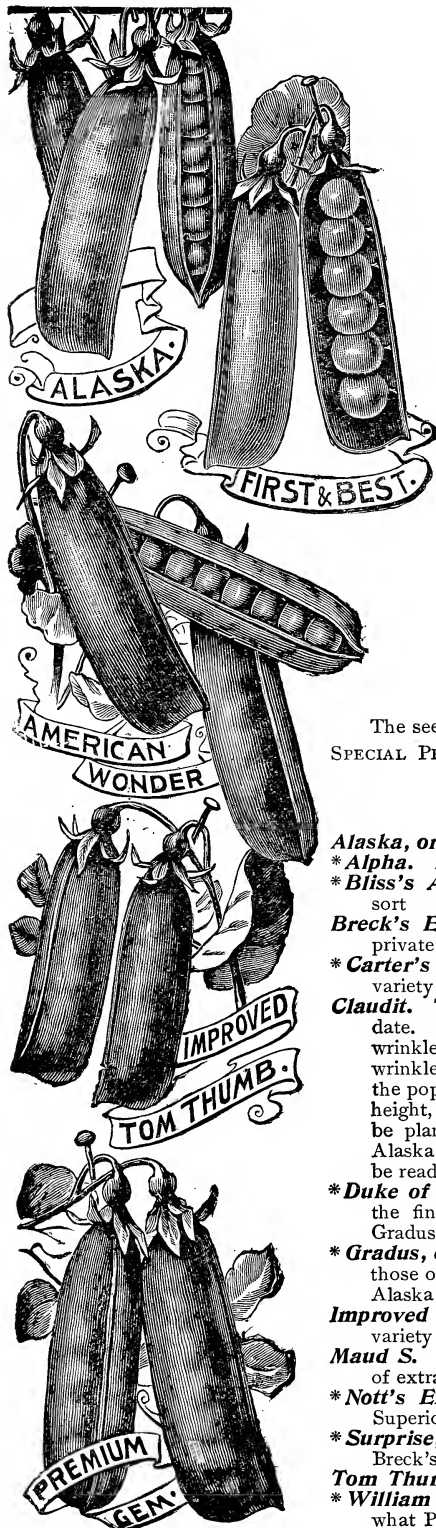
The seeds of the sorts to which an asterisk (\*) is prefixed are wrinkled.

SPECIAL PRICES PER BUSHEL OR LARGER QUANTITIES QUOTED ON APPLICATION.

**Extra Early Sorts.**

	Pt.	Qt.	Pk.
<b>Alaska, or Clipper.</b> A smooth, blue, prolific, sweet extra early	\$0.15	\$0.30	\$1.25
* <b>Alpha.</b> A fine-flavored early wrinkled variety	.15	.25	1.25
* <b>Bliss's American Wonder.</b> Well known early wrinkled sort	.20	.35	1.75
<b>Breck's Excelsior.</b> The best extra early for market and private garden	.15	.30	1.50
* <b>Carter's Premium Gem.</b> A dwarf prolific, green, wrinkled variety of good quality.	.15	.30	1.50
<b>Clauditt.</b> The most desirable extra early pea introduced to date. The pea is large, deep green in color, and slightly wrinkled. The quality is unsurpassed by any of the deeply wrinkled sorts. The pods, borne singly, approach in size the popular Telephone. The vine is of vigorous growth, height, two and one-half feet. The seed of this sort can be planted with perfect safety at the same time as the Alaska and First and Best strains, and the large pods will be ready to pick at the same time	.20	.40	2.50
* <b>Duke of York.</b> Very large, long full pods, the peas are of the finest quality, early; coming in a few days after Gradus, productive and in every way desirable	.15	.30	1.50
* <b>Gradus, or Prosperity.</b> The pods are almost as large as those of the Telephone, and are fit to pick three days after Alaska	.25	.40	3.00
<b>Improved Daniel O'Rourke.</b> A standard extra early variety	.15	.25	1.00
<b>Maud S.</b> P. & W.'s Improved. A first-class selected strain of extra earlies	.15	.25	1.00
* <b>Nott's Excelsior.</b> Extra early, grows fifteen inches high. Superior to American Wonder in quality and productiveness.	.15	.30	1.75
* <b>Surprise, or Eclipse.</b> Only two or three days later than Breck's Excelsior, small pods, quality excellent	.15	.30	1.75
<b>Tom Thumb.</b> About nine inches high, very early	.15	.25	1.25
* <b>William Hurst.</b> A famous English variety, resembles somewhat Premium Gem, but more productive and with larger pods	.15	.25	1.50

See Special Offers on third page of cover.



**Peas—Continued.****Second Early Sorts.**

	Pt.	Qt.	Pk.
* <b>Bliss's Abundance.</b> Strong vines of medium height that bear an enormous number of well-filled pods . . . . .	\$0.15	\$0.25	\$1.25
* <b>Bliss's Everbearing.</b> A most desirable main crop variety for the private grower . . . . .	.15	.25	1.25
* <b>Dwarf Telephone, or Daisy.</b> As large and productive as the original Telephone, but earlier and dwarfer . . . . .	.20	.35	1.75
* <b>Duke of Albany, or American Champion.</b> Larger pods than Telephone, earlier, dwarfer, and with little tendency to "sport" . . . . .	.15	.30	1.50
* <b>Heroine.</b> A long, full podded variety that follows Advancer in season . . . . .	.15	.25	1.25
* <b>Horsford's Market Garden.</b> Type and quality of Advancer, more productive . . . . .	.15	.25	1.25
* <b>Juno.</b> Remarkably large, long, straight, thick throughout, well filled pods. Peas are dark green and a fine flavor . . . . .	.15	.25	1.25
* <b>McLean's Advancer.</b> A dwarf green wrinkled marrow of fine flavor . . . . .	.15	.25	1.25

**General Crop.**

<b>Blackeye Marrow.</b> An excellent old-fashioned sort . . . . .	.10	.25	.75
* <b>Breck's New Life.</b> All things considered, the most valuable pea of its season for home or for market . . . . .	.20	.35	2.00
* <b>Carter's Telephone.</b> A vigorous grower, extra large well filled pods . . . . .	.15	.30	1.50
* <b>Champion of England.</b> The standard late variety, sweet and productive . . . . .	.15	.25	1.25
<b>Dwarf White Marrow.</b> An old-fashioned yet popular variety . . . . .	.10	.25	.75
<b>Pride of the Market.</b> An enormously productive wrinkled marrow of good quality . . . . .	.15	.30	1.75
* <b>Sharpe's Queen.</b> Large, well filled pods, of extra quality, equal in all and superior in some respects to Stratagem . . . . .	.15	.30	1.50
* <b>Stratagem.</b> A sport that usually produces stalky vines covered with full pods of extra size . . . . .	.15	.30	1.50
* <b>Shropshire Hero.</b> After the style of Yorkshire Hero, but more desirable . . . . .	.15	.25	1.50
* <b>Yorkshire Hero.</b> A wrinkled marrow of extra fine quality. . . . .	.15	.25	1.50

**Edible Podded Peas.**

* <b>Early Dwarf Wrinkled Sugar.</b> A French variety, early and of good quality . . . . .	\$0.15	\$0.30
<b>Tall Gray Sugar.</b> Can be used either shelled or cooked in the pods . . . . .	.15	.30

Special prices per bushel quoted on application.

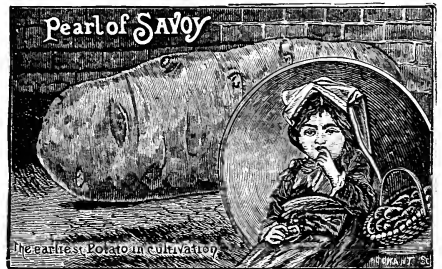
For Canada Field and other Forage Peas see page 47.

**Potatoes.**

(Prices subject to market changes.)

Special prices on large quantities quoted on application. Special offers do not apply on potatoes.

Of the many varieties of potatoes that claim public favor, we have selected only a few, and these the best in cultivation. We aim to include in our list only those sorts which we have found by actual test are worthy of cultivation. Orders will be booked as received, and shipped in rotation, after danger of freezing is over; and as potatoes are of a perishable character, we assume no responsibility for damages incurred in transit, but we will, of course, exercise the greatest care to guard against sudden changes in the temperature. *All the potatoes we offer are grown in Aristook County, Maine, from selected stock especially for seed purposes. They are calculated to give the best results to planters and when compared with common stocks will more than pay in increased crop for the small extra cost of seed, while the quality will be better and more uniform. Ten to 12 bushels will plant an acre.*



	Peck	Bush.	Bbl.
<b>Beauty of Hebron.</b> A standard sort, pure white skin and flesh, an excellent cropper . . . . .	\$0.50	\$1.40	\$3.25
<b>Breck's Chance.</b> Quality is the leading feature, but it is early, a good cropper; the tubers are just the size wanted for the table . . . . .	.50	1.50	4.00
<b>Carman No. 1.</b> White fleshed, medium; late sort of perfect quality . . . . .	.50	1.40	3.50
<b>Carman No. 3.</b> A potato with a long pedigree. Try it . . . . .	.50	1.40	3.50
<b>Clark's No. 1.</b> A well-known, very productive sort of fine quality . . . . .	.50	1.50	4.00
<b>Delaware.</b> Medium early, very large, white throughout, and extra quality . . . . .	.50	1.50	3.50
<b>Early Harvest.</b> Wonderfully early, fine-sized tubers . . . . .	.50	1.50	3.50
<b>Early Ohio, Jr.</b> An old rough-skinned standard sort, highly recommended . . . . .	.50	1.40	3.25
<b>Early Norther.</b> Earlier and more prolific than Early Rose, of which it is a seedling . . . . .	.50	1.50	4.00
<b>Early Rose.</b> Our stock of this standard variety is especially good . . . . .	.50	1.50	4.00
<b>Early Six Weeks.</b> Similar to Early Ohio, but earlier . . . . .	.50	1.40	3.50
<b>Freeman.</b> Medium early, very fine flavor . . . . .	.50	1.40	3.50
<b>Green Mountain.</b> A second early of superior quality, a large yielder and good keeper . . . . .	.50	1.40	3.25
<b>Joseph.</b> Large, even-sized tubers . . . . .	.50	1.40	3.25
<b>Lady Finger.</b> The genuine old-fashioned variety for baking . . . . .	.75	2.50	
<b>New Queen.</b> Of the Hebron type, but earlier, a great yielder, fewer small ones . . . . .	.50	1.40	3.25
<b>Pearl of Savoy.</b> Very early, large oblong tubers, productive and of superior flavor . . . . .	.50	1.50	4.00
<b>The Bovee.</b> Resembles Queen in appearance, quite early, good quality and keeper . . . . .	.50	1.50	4.00

See Special Offers on third page of cover.

**Pepper.**German, *Pfeffer*. — French, *Piment*. — Spanish, *Pimiento*.

Plant in hot-beds in March, and transplant into the open ground the latter part of May, in rows about 20 inches apart and eight inches apart in the row. Repeated hoeings promote their growth. *One ounce of seed will produce about 2,000 plants.*

	Pkt.	Oz.	1/4 lb.
<b>Cayenne, Long Red.</b> The pods of this variety are from three to four inches in length, cone-shaped, and coral red when ripe . . . . .	\$0.05	\$0.25	\$0.75
<b>Celestial.</b> Fruit at first yellow, but becomes deep scarlet when matured . . . . .	.05	.25	.75
<b>Golden Dawn.</b> Shaped like the bell; color, golden-yellow . . . . .	.05	.25	.75
<b>Large Bell, or Bull Nose.</b> Fruit large; an early sweet variety . . . . .	.05	.25	.75
<b>Procopp's Giant.</b> Long and large, fine scarlet; flesh thick . . . . .	.05	.25	.75
<b>Red Cherry.</b> Fruit round, very productive and ornamental . . . . .	.05	.25	.75
<b>Red Chili.</b> Used for pepper sauce, small, narrow pods, about five inches long; very thick, fine flavor . . . . .	.05	.25	.75
<b>Ruby King.</b> Pods about five inches long, very thick, fine flavor . . . . .	.05	.25	.75
<b>Squash, or Tomato-Shaped.</b> The kind most generally grown for pickling; an excellent sort . . . . .	.05	.25	.75
<b>Sweet Mountain, or Mammoth.</b> Similar in shape to the large bell, but of much larger size . . . . .	.05	.25	.75

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WILSON & ANDRIEU & CHIFF**Rhubarb.**German, *Rhabarber*. — French, *Rhubarbe*. — Spanish, *Ruibarbo Bastardo*.

(For price of Rhubarb Roots, see Vegetable Plants.)

Sow early in the spring, in drills a foot apart, thinning out to about the same distance apart in the rows when a few inches high. In fall, or the following spring, transplant into deep, rich soil about three feet apart each way. If propagated by dividing the roots, it may be done either in fall or spring, planting it at the same distance apart as given above.

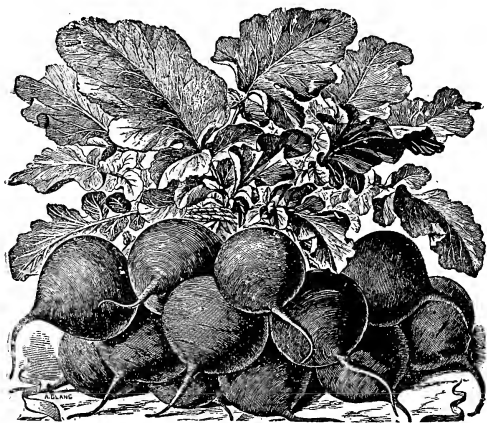
	Pkt.	Oz.	Lb.
<b>Linnaeus.</b> Early, large, and tender . . . . .	\$0.10	\$0.20	\$1.50
<b>Victoria.</b> Very large, later than . . . . .			
Linnaeus . . . . .	.10	.20	1.50

**Radish.**German, *Rettig*, *Radieschen*. — French, *Radis*, *Rave*, *Petit Rave*. — Spanish, *Rabano*.

Radishes require a light, rich, sandy loam; heavy or clayey soils not only delay their maturity but produce crops for a constant supply, sow from the middle of March until September, at intervals of two or three weeks. For an early supply they may be sown in a hot-bed in February. For winter radishes, sow the seed about beginning of July, and keep the roots during winter in a cool cellar, covered with earth. They should be placed in cold water an hour or so before using. *One ounce of seed will sow 100 feet drill; 10 lbs. per acre.*

	Pkt.	Oz.	Lb.
<b>Turnip, Deep Blood Red.</b> A fine early forcing sort . . . . .	\$0.05	\$0.10	\$0.80
“ <b>Early French Scarlet Forcing.</b> The earliest of all . . . . .	.05	.10	1.00
“ <b>Early Deep Scarlet.</b> Early, fine color . . . . .	.05	.10	.75
“ <b>Early Scarlet Globe.</b> Fine for forcing or open ground . . . . .	.05	.10	.75
“ <b>Early Scarlet White-Tipped.</b> Very early. . . . .	.05	.10	.75
“ <b>Early White.</b> Flesh pure white and sweet . . . . .	.05	.10	.75
“ <b>Golden Summer.</b> A desirable and mild flavored sort . . . . .	.05	.10	.80
“ <b>Large White Summer.</b> Large size, good quality . . . . .	.05	.10	.75
<b>Olive-Shaped, Deep Scarlet.</b> Quite early, fine for open ground . . . . .	.05	.10	.75
“ <b>French Breakfast.</b> Early, scarlet with white tip . . . . .	.05	.10	.75
“ <b>White.</b> An excellent summer sort . . . . .	.05	.10	.75
<b>Long, Brightest Scarlet.</b> An early, long, white-tipped sort . . . . .	.05	.10	.75
“ <b>Chartier.</b> Scarlet with white tip, thick, and mild . . . . .	.05	.10	.75
“ <b>Scarlet Short Top.</b> Long and crisp, fine . . . . .	.05	.10	.75
“ <b>White Vienna.</b> Crisp and tender in summer . . . . .	.05	.10	.75
<b>White Giant Stuttgart.</b> Early, mild and tender, withstands summer heat perfectly . . . . .	.05	.10	.75
<b>Winter California Mammoth White.</b> A grand keeper . . . . .	.05	.10	.80
“ <b>Long Black Spanish.</b> The popular winter sort . . . . .	.05	.10	.75
“ <b>Round Black Spanish.</b> A fine winter variety . . . . .	.05	.10	.75
“ <b>Rosa China.</b> Handsome and distinct . . . . .	.05	.10	.75

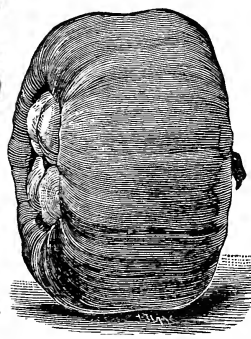
See Special Offers on third page of cover.



much inferior, both in appearance and especially in flavor. For an early supply they may be sown in a hot-bed in February. For winter radishes, sow the seed about beginning of July, and keep the roots during winter in a cool cellar, covered with earth. They should be placed in cold water an hour or so before using. *One ounce of seed will sow 100 feet drill; 10 lbs. per acre.*

## Squash.

German, *Kurbiss*. — French, *Courge*. — Spanish, *Calabaza Tontanera*.



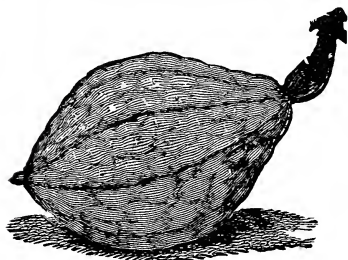
As all Squashes are somewhat tender, they should not be planted out until danger from frost is past. They will grow on almost any soil, but a warm, mellow one that has been well manured suits them best. The hills for bush varieties should be about four feet apart; for running sorts, eight feet. Thin out to two plants to a hill, and in the early stages of growth keep well sprinkled with plaster dust. *Bush varieties*, one ounce to 40 hills; *running varieties*, one ounce to 20 hills; two to four pounds per acre.

### Bush Varieties.

	Pkt.	Oz.	Lb.
<b>Giant Summer Crookneck.</b> Yellow fruit, large and good	\$0.05	\$0.10	\$0.75
<b>Golden Custard.</b> An improved and larger yellow bush	.05	.10	.75
<b>Mammoth White Bush.</b> The best for early use	.05	.10	.75
<b>Vegetable Marrow.</b> A favorite English sort, distinct, flesh white	.05	.10	.75

### Running Varieties.

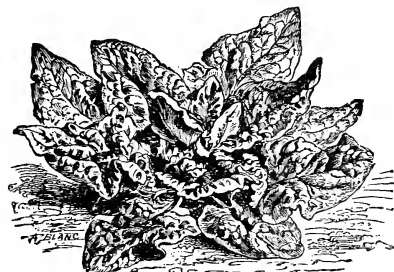
<b>American Turban.</b> Orange-yellow flesh, dry, rich and sweet	.05	.10	.75
<b>Bay State.</b> Style of Essex Hybrid, color blue, good for fall and winter	.05	.10	.75
<b>Boston Marrow.</b> Follows the summer sorts in season, a good fall and winter sort	.05	.10	.60
<b>Canada Crookneck.</b> Small, green skin, productive, fine winter sort	.05	.10	.75
<b>Delicata.</b> Orange, striped green, early and productive, small size, good keeper	.05	.10	.75
<b>Early Prolific Marrow, or Orange Marrow.</b> Early, distinct, good, suitable for fall or winter use	.05	.10	.60
<b>Essex Hybrid.</b> A hard-shelled Turban, fine for winter	.05	.10	.75
<b>Golden Bronze.</b> Color green and bronze, flesh golden-yellow, dry and very sweet, average weight about 10 pounds	.10	.20	1.50
<b>Hubbard.</b> A standard winter sort, meat dry and fine	.05	.10	.75
<b>Hubbard, Golden or Red.</b> Earlier, a grand keeper	.05	.10	.75
<b>Hubbard, Mammoth Warted.</b> Large, completely covered with warts, keeps well, fine quality	.05	.10	.75
<b>Marblehead.</b> Very productive, a fine keeper	.05	.10	.75
<b>Warren.</b> An improved Essex Hybrid	.05	.10	.75
<b>Winter Crookneck.</b> A standard winter sort, of fine quality	.05	.10	.75



## Spinach.

German, *Spinat*. — French, *Epinard*. — Spanish, *Espinaca*.

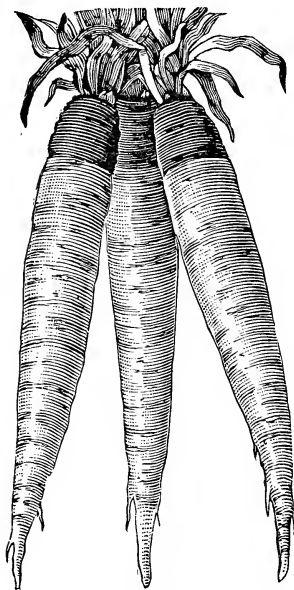
Spinach likes a rich soil, and should be sown for a main crop in August or September. When cold weather sets in, it should be protected from frost by covering it with straw and brush. For summer use, sow at intervals of two or three weeks from April to August. Sow the seed of New Zealand Spinach (which must be scalded and soaked in hot water before sowing) in hills three feet apart each way, three or four seeds in a hill. This is fit for cutting all summer. One ounce will sow 50 feet of drill; 12 lbs. per acre.



### Long Standing Spinach.

	Pkt.	Oz.	Lb.
<b>Long Standing.</b> (Round thick leaved.) Leaves thick and large. The best for spring sowing	\$0.05	\$0.10	\$0.40
<b>New Zealand.</b> ( <i>Tetragonia expansa</i> .) A distinct, spreading plant that produces an abundant supply of greens all summer	.05	.15	1.00
<b>Prickly, or Winter.</b> Recommended for fall sowing	.05	.10	.40
<b>Round Viroflay.</b> Large, thick, dark green leaves	.05	.10	.40
<b>Savoy-Leaved, or Bloomsdale.</b> Large curled and wrinkled leaves, a fine market sort	.05	.10	.40
<b>Victoria.</b> Very dark colored leaves, fine variety for spring sowing, later than Long Standing	.05	.10	.40

See Special Offers on third page of cover.



## Salsify, or Oyster Plant.

German, *Boksbart*. — French, *Salsifis*. — Spanish, *Ostra Vegetal*.

The demand for Salsify is increasing from year to year, as its delicious qualities are becoming known. It is used stewed, boiled, or fried, and sometimes as a salad sliced raw in vinegar with salt and pepper. When cooked it has an oyster flavor, and is commonly called "Vegetable Oyster." The directions for growing and keeping are the same as for parsnip. *One ounce will sow 50 feet of drill; 10 lbs. to the acre.*

	Pkt.	Oz.	Lb.
<b>Breck's Improved Long White.</b> Roots of medium size, white and smooth	\$0.05	\$0.15	\$1.50
<b>Mammoth Sandwich Island.</b> Twice as large as the preceding, and of fine quality	.05	.15	1.50

## Tobacco.

<b>Connecticut Seed-Leaf.</b> Best adapted to the climate of the Northern and Middle States	.05	.25	2.00
<b>Havana.</b> Imported seed	.10	.30	3.50
<b>Rose Muscatel.</b> Makes an excellent quality cigar	.10	.30	3.00

## Tomato.

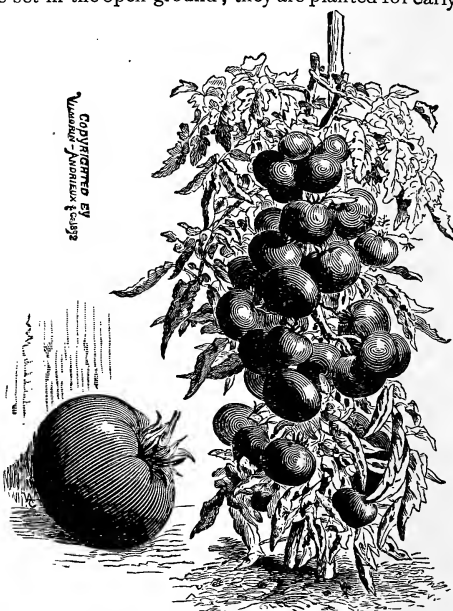
German, *Liebsäpfel*. — French, *Tomate*. — Spanish, *Tomate*.

(For Tomato Plants, see Vegetable Plants.)

The seeds should be sown in a hot-bed about the first week in March, in drills five inches apart and half an inch deep. When the plants are about two inches high, they should be set out about four or five inches apart in another hot-bed. About the middle of May the plants may be set in the open ground; they are planted for early

crops on light, sandy soil, at a distance of three feet apart, in hills in which a good shovelful of rotten manure has been mixed. On heavy soils, which are not suited for an early crop, they should be planted four feet apart. Water freely at the time of transplanting, and shelter from the sun for a few days until the plants are established. *One ounce will produce about 2,000 plants.*

	Pkt.	Oz.	1/4 lb.
<b>Acme.</b> Very early, medium size, smooth, purplish pink color	\$0.05	\$0.20	\$0.60
<b>Autocrat.</b> Large, smooth and productive, color of Acme	.05	.25	.75
<b>Aristocrat.</b> Similar to Dwarf Champion in growth, fruit bright scarlet	.05	.25	.75
<b>Breck's Belmont.</b> The best early either for forcing or open ground cultivation, fruit bright scarlet, with few seeds, finely flavored and solid	.05	.30	1.00
<b>Dwarf Champion.</b> Dwarf and strong habit of growth, very solid and of extra quality.	.05	.25	.75
<b>Early Ruby.</b> Very early, large size, bright scarlet color	.05	.25	.75
<b>Golden Queen.</b> Good size and quality, bright yellow color	.05	.30	1.00
<b>Honor Bright.</b> Distinct, fine quality, the best keeper yet introduced	.05	.25	.75
<b>Livingston's Beauty.</b> An early variety, prolific, glossy crimson in color	.05	.20	.60
<b>Livingston's Favorite.</b> Ripens evenly and quite early, noted for its good shipping qualities	.05	.20	.60



Breck's Belmont Tomato.

	Pkt.	Oz.	1/4 lb.
<b>Livingston's Perfection.</b> Large and early, thick meat, few seeds, blood-red color	\$0.05	\$0.20	\$0.60
<b>Livingston's Stone.</b> Very smooth, solid, thick flesh, bright scarlet color	.05	.25	.75
<b>Peach Red.</b> Resembles a peach, for pickles and preserves	.05	.25	.75
<b>Pear-Shaped Red.</b> Fruit handsome and solid, fine for preserves	.05	.25	.75
<b>Plum-Shaped Yellow.</b> Uniform shape, bright yellow, used for pickles	.05	.25	.75
<b>Ponderosa.</b> The largest variety, solid and of good quality	.05	.30	1.00
<b>Red Cherry.</b> A small early variety, size and shape of a cherry, used for pickling	.05	.30	1.00
<b>Royal Red.</b> Good main crop sort, intense bright red color	.05	.25	.75
<b>Sutton's Best-of-All.</b> Especially suitable for growing under glass. Medium size, solid, free from seeds, deep scarlet color.	.10	.50	1.50
<b>Strawberry, or Winter Cherry.</b> ( <i>Physalis Alkekengi</i> .) The fruit grows in a husk and will keep all winter. It has a pleasant strawberry-like flavor. It is much used for preserving, also for sauce	.05	.30	1.00
<b>Trophy, Improved.</b> A standard late variety, dark scarlet, fine for canning	.05	.25	.75
<b>Yellow Cherry.</b> Similar to Red Cherry except in color	.05	.30	1.00

See Special Offers on third page of cover.

## Turnip.

German, *Steckrube*. — French, *Navet*. — Spanish, *Nabo Comun*.

Turnips may be sown at all seasons from April to August in our climate, although those will be the best which are sown very early in spring for summer crop, and early in August for a fall and winter crop. A light soil well manured the previous year is the best; no manure should be applied at the time of sowing, unless it be well-decomposed compost, or the roots would be liable to be bad-flavored. The ground should be dug or ploughed deep and made mellow and fine. Sow the seed of the flat sorts broadcast, and rake in evenly. After they are well up, thin to six or eight inches apart, and keep them clear from weeds. The Ruta Baga sorts should be sown in drills 15 inches apart, and for winter use may be sown from the 20th of June to the middle of July, on land that has been well manured for other crops in spring; thin out as for the early crop. *One ounce will sow 150 feet drill. Two pounds will sow one acre in drills. One pound will sow one acre broadcast.*

**Early Snowball.** Small and of quick growth, pure white . . . . .

**Golden Ball.** A small, golden-yellow flesh variety, unsurpassed for table use . . . . .

**Long White, or Cow Horn.** Flesh white, fine grained and sweet, and of excellent quality . . . . .

**Purple-Top Munich.** One of the best earlies, of good form and quality . . . . .

**Purple-Top White Globe.** A round, handsome turnip of superior quality, either for the table or stock . . . . .

**Purple-Top Milan.** The earliest of the flat Redtop Turnips, small strapped leaves, white, sweet, tender flesh. . . . .

**Red, or Purple-Top Strap Leaf.** The best of the flat turnips. Equally valuable for early or late crop . . . . .

**White Egg.** A handsome egg-shaped white variety, grows large . . . . .

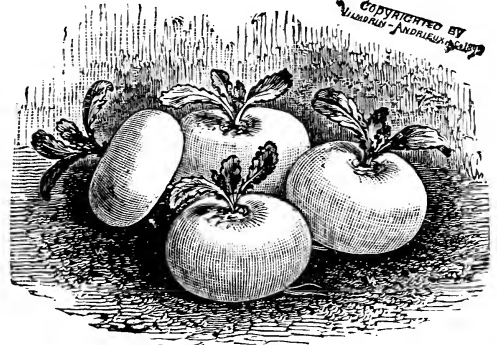
**White-Top Milan.** The earliest of all turnips, very mild flavor . . . . .

**White Norfolk.** One of the best late varieties for stock . . . . .

**White-Top Strap Leaf.** Similar to the Red-Top variety, but not so popular . . . . .

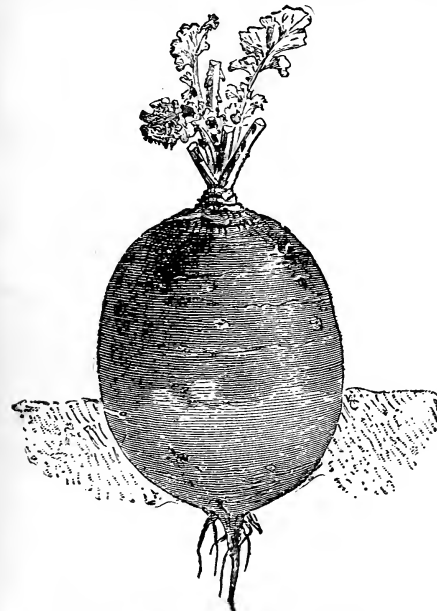
**Yellow Aberdeen.** Very hardy and productive; good for stock and table; keeps well . . . . .

**Yellow Stone, or Globe.** Of medium size, excellent flavor, and a good keeper; flesh yellow . . . . .



White Top Milan Turnip.

Pkt.	Oz.	Lb.
\$0.05	\$0.10	\$0.50
.05	.10	.50
.05	.10	.50
.05	.10	.50
.05	.10	.50
.05	.10	.50
.05	.10	.50
.05	.10	.50
.05	.10	.50
.05	.10	.50



American Purple-Top Ruta Baga.

## Ruta Baga, or Swedish Turnip.

**Budlong Swede.** A choice strain of white Swede, said to be earlier and of better form than other white sorts . . . . .

**Improved American.** Flesh yellow, solid, sweet and fine flavor . . . . .

**Long Island Purple Top.** A fine American strain, flesh yellow . . . . .

**Shamrock.** A globe-shaped, very hardy, fine-grained, yellow . . . . .

**Skirving's Purple Top.** Large, yellow, firm flesh, sweet and a good keeper . . . . .

**St. Andrew's.** A yellow flesh variety of excellent quality . . . . .

**Sweet German.** Flesh pure white, very solid, sweet, mild, well flavored . . . . .

**White French.** An excellent sort for table or stock. Flesh firm, white, and solid; a popular market variety . . . . .

Pkt.	Oz.	Lb.
\$0.05	\$0.10	\$0.50
.05	.10	.50
.05	.10	.50
.05	.10	.50
.05	.10	.50
.05	.10	.50
.05	.10	.50
.05	.10	.50
.05	.10	.50
.05	.10	.50

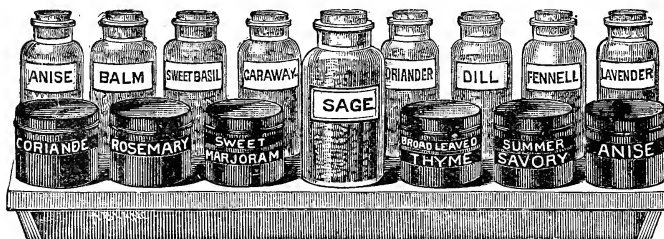
## Fruit, Shrub and Tree Seeds.

(Special Offers do not apply on these seeds.)

	Pkt.	Oz.	Lb.
Apple, American . . . . .	\$0.05	\$0.10	\$0.50
Apricot Pits . . . . .	.05	.10	.50
Currant, Cherry . . . . .	.10	.30	2.50
Gooseberry Mixed . . . . .	.15	.75	
Peach Pits, per bush., \$2.50 . . . . .			
Pear, French . . . . .	.10	.25	2.50
Quince . . . . .	.10	.25	2.50
Raspberry . . . . .	.10	.25	3.00
Strawberry Mixed . . . . .	.10	.75	
Arbor Vitæ, American . . . . .	.10	.30	2.00

	Pkt.	Oz.	Lb.
Barberry, Common . . . . .	\$0.10	\$0.15	\$1.00
Locust, Honey . . . . .	.10	.15	.55
Ash, White . . . . .	.10	.15	.70
Birch, White . . . . .	.10	.25	2.00
Cedar, Red . . . . .	.10	.15	.75
Elm, American . . . . .	.10	.25	2.50
Maple, Sugar . . . . .	.10	.20	1.00
Pine, White or Weymouth . . . . .	.10	.20	1.75
Spruce, Norway . . . . .	.10	.20	1.00

See Special Offers on third page of cover.



## Sweet, Pot, and Medicinal Herbs.

These herbs are all of easy cultivation. Sow the seed as early in May as practical in shallow drills about 15 inches apart, thin out when two or three inches high. Generally speaking, it is best to cut the herbs when in flower.

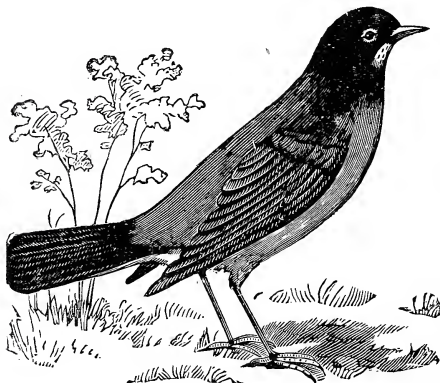
	Pkt.	Oz.
Anise . . . . .	\$0.05	\$0.15
Arnica . . . . .	.10	1.50
Balm . . . . .	.05	.40
Basil, Sweet, . . . . .	.05	.25
Caraway . . . . .	.05	.10
Catnip . . . . .	.10	.50
Coriander . . . . .	.05	.15
Dill . . . . .	.05	.15
Fennel, Sweet . . . . .	.05	.15

	Pkt.	Oz.
Hop Seed . . . . .	\$0.10	\$1.00
Horehound . . . . .	.05	.25
Hyssop . . . . .	.05	.25
Lavender . . . . .	.05	.20
Lovage . . . . .	.10	.40
Marjoram, Sweet . . . . .	.05	.25
Pennyroyal . . . . .	.10	.60
Rosemary . . . . .	.05	.40

	Pkt.	Oz.
Rue . . . . .	\$0.05	\$0.25
Saffron . . . . .	.05	.15
Sage . . . . .	.05	.20
Savory, Summer . . . . .	.05	.20
Savory, Winter . . . . .	.05	.20
Sorrel, Broad-leaved . . . . .	.05	.20
Thyme, Broad-leaved . . . . .	.05	.35
Wormwood . . . . .	.05	.30

## Bird Seeds.

None of our Special Offers apply on Bird Seeds.



	Lb.	100 lb.
Canary, Best Sicily . . . . .	\$0.08	\$5.00
Hemp . . . . .	.08	5.00
Rape, German . . . . .	.08	5.00
“ English . . . . .	.10	6.00
Mixed Bird Seed (per package, 10 cts.) . . . . .	.08	5.00
Lettuce . . . . .	.20	15.00
Maw or Poppy . . . . .	.15	12.00
Rice, Unhulled or Paddy . . . . .	.12	10.00
Millet, Golden . . . . .	.08	3.50
Parrot Food . . . . .	.10	6.50
Mocking Bird Food, in bulk . . . . .	.25	
“ “ “ in bottles . . . . .	Each.	Doz.
Song Restorer, in bottles . . . . .	.35	3.50
“ “ “ in bottles . . . . .	.25	2.75
Sunflower Seed . . . . .	Lb.	100 lb.
Sorghum, for Pigeons . . . . .	.10	5.00
Gravel for Cages . . . . .	.05	1.50
Cuttle Fish Bone . . . . .	Pkg.	Bush.
“ “ “ in bottles . . . . .	.10	1.50
“ “ “ in bottles . . . . .	Lb.	
“ “ “ in bottles . . . . .	.35	

## Seeds used for Flavoring, Etc.

(Special Offers do not apply on these seeds.)

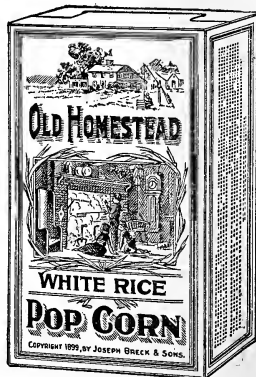
	Oz.	Lb.
Anise . . . . .	\$0.10	\$0.40
Cummin . . . . .	.10	.40
Coriander . . . . .	.10	.25
Celery . . . . .	.10	.50
Caraway . . . . .	.10	.25
Dill . . . . .	.10	.50
Fennel, Sweet . . . . .	.10	.30
Medicinal Pumpkin . . . . .	.10	.25
Flax . . . . .	Lb.	100 lb.
“ “ “ in bottles . . . . .	.10	6.00

## Old Homestead Pop Corn.

Lovers of pop corn will appreciate the Old Homestead brand of White Rice Pop Corn. No shelling, no dirt, no insects, no disappointment. It is one year old before being packed, thus ensuring good popping qualities. We clean this corn by a new process that frees it from dust, dirt, insects and other impurities. All the corn we pack is especially grown for us in New England, is cured in the old fashioned way; consequently, is not only clean, but is free from mixed and flinty kernels which do not pop. For Corn Balls, Candied Pop Corn and Nuggets the Old Homestead will be found superior.

Per 1-lb. pkg., 10 cents; per case of 24 packages, \$1.75 net.

See Special Offers on third page of cover.



**Vegetable Plants and Roots.**

All are especially grown for our trade from choicest strains of seed.  
(Special Offers do not apply to articles on this page.)

**ASPARAGUS ROOTS.**

	100	1000
<i>Colossal</i> , two year old roots . . . . .	\$1.00	\$ 7.00
<i>The Hub</i> , " " " " . . . . .	1.25	10.00
<i>Palmetto</i> " " " " . . . . .	1.25	10.00

**CABBAGE PLANTS.**

From hot-beds, ready about first week in April.

	100	1000
<i>Early Jersey Wakefield</i> . . . . .	\$1.00	\$8.00
<i>Henderson's Summer</i> . . . . .	1.00	8.00
<i>Stone Mason</i> . . . . .	1.00	8.00
<i>Fottler's Brunswick</i> . . . . .	1.00	8.00
For Winter Crop, ready July 1st.		
<i>Savoy American Improved</i> . . . . .	.50	4.00
<i>Fottler's Brunswick</i> . . . . .	.50	4.00
<i>Stone Mason</i> . . . . .	.50	4.00

**CAULIFLOWER.**

	100	1000
<i>Breck's White Bouquet</i> . . . . .	\$1.50	\$12.00
<i>Snowball</i> . . . . .	1.50	12.00

**CELERY PLANTS.**

	100	1000
<i>Boston Market</i> . . . . .	\$1.00	\$8.00
<i>Golden Self-Blanching</i> . . . . .	1.00	8.00
<i>Giant Pascal</i> . . . . .	1.00	8.00
<i>White Plume</i> . . . . .	1.00	8.00

**CHIVES.**

Used for flavoring soups, etc., each 15 cts.; dozen, \$1.25.

**AGRICULTURAL SEEDS.****Grains.**

(Prices Subject to Market Change.)

**BARLEY.**

	Per Bush.
<i>Two-Rowed</i> . . . . .	\$1.25
<i>Four-Rowed</i> . . . . .	1.00

**BUCKWHEAT.**

	Per Bush.
<i>Silver Hulled</i> . . . . .	\$1.25
<i>Japanese</i> . Enormously productive . . . . .	1.25

**OATS.**

	Per Bush.
<i>Welcome</i> . Fine variety . . . . .	\$0.80
<i>Lincoln</i> . Unsurpassed . . . . .	.80
<i>Black Tartarian</i> . Most prolific and distinct variety of black oats, desirable for growing on meadow land . . . . .	1.50
<i>Gray Winter, or Turf</i> . . . . .	1.50

*Wild Rice* (*Zizania aquatica*). For naturalizing around duck ponds . . . . . per lb. .25

I have grown two immense crops from the seed purchased of you the past two seasons, and most heartily recommend it for "Silos" or green fodder. If "Prehistoric Corn" be given an equal chance with other varieties it will far outrank anything I have ever seen. In my field the past summer there were but very few stalks measuring less than 12 feet in height and many from 19 to 24 feet. Some of the stalks were eight inches in circumference two feet from the ground, with from five to eight ears upon them.

Very truly,  
IRVING L. STICKNEY,  
Brattleboro, Vt.

Jan. 5, 1900.

**EGG PLANTS.**

	Doz.	100
<i>New York Improved</i> . . . . .	\$1.00	\$6.00
<i>Black Pekin</i> . . . . .	1.00	6.00

**TARRAGON PLANTS.**

Each . . . . .	\$0.30
Per dozen . . . . .	3.00

**HORSE-RADISH SETS.**

Per dozen, 25 cents; per 100, 60 cents; per 1000, \$5.00.

**LETTUCE PLANTS.**

	100
<i>Boston Market Head</i> . . . . .	\$0.75
<i>Early Curled Simpson</i> . . . . .	.75

**PEPPER PLANTS.**

*Large Bell, or Bull Nose*. Per doz., 25 cts.; per 100, \$1.75.

**RHUBARB ROOTS.**

Each . . . . .	\$0.20
Per dozen . . . . .	2.00

**SWEET POTATO PLANTS.**

	100	1000
<i>Nansemond</i> . . . . .	\$0.75	\$6.00

**TOMATO PLANTS.**

	Doz.	100
<i>Breck's Belmont</i> . . . . .	\$0.25	\$2.00
<i>Acme</i> . . . . .	.25	2.00
<i>Paragon</i> . . . . .	.25	2.00
<i>Dwarf Champion</i> . . . . .	.25	2.00
<i>Livingstone's Stone</i> . . . . .	.25	2.00

**RYE.**

To prevent disappointment, we offer only New England grown rye for seed purposes.

	Per Bush.
<i>Spring</i> . . . . .	\$1.50
<i>Winter</i> . . . . .	1.10

**SPRING WHEAT**

	Per Bush.
<i>Saskatchewan Fife</i> . One of the best spring sorts . . . . .	\$2.00
<i>White Russian</i> . Beardless white chaff, amber-colored grain . . . . .	2.00

**WINTER WHEAT.**

	Per Bush.
<i>Martin Amber</i> . Beardless heads, four to seven inches long, of amber color . . . . .	\$2.00
<i>Clawson White</i> . A well-known favorite sort . . . . .	2.25
	per lb. .25

Seeds received all right. It is a pleasure to order from you.

Truly yours

ADELINE FRANCES NEWTON,

May 1, 1900.

Hartford, Vt.

I have found your lawn grass mixture very good, and by sowing it during the summer have been much pleased with the improvement in my lawn.

Yours truly,

(Mrs.) B. G. DAVENPORT,

Aug. 25, 1900.

Northeast Harbor, Me.

**MISCELLANEOUS SEEDS.—For Forage Crops, Plowing under, Etc.**

Special Offer No. 3 only applies to seeds under this heading.



**Beans, Breck's Soya.** The most suitable variety for cultivation in New England, valuable either as a fodder crop or for the silo. The dry beans when ground make an excellent meal for feeding to milch cows. When roasted and ground they form an excellent substitute for coffee. Quart, 20 cents; peck, \$1.00; bushel, \$3.50.

—**Medium Green Soya.** Especially suitable for New England. Quart, 25 cents; peck \$1.25; bushel, \$4.00.

—**Velvet Bean** (*Dolichos multiflorus*). Used by the farmers of Florida and other Southern States as a forage plant and also as a fertilizer plant for turning under. Stock readily eat the vines and leaves, and the beans when ground, with or without the pod, are used instead of oats or corn, and sometimes mixed with them. It is planted in rows four feet apart and one foot in the row, two or three beans in a place, as soon as danger from frost is past. We do not believe the beans will ripen in ordinary seasons in Massachusetts, but the crop for forage or turning under will prove valuable. Per qt., 20 cents; bush., \$3.00.

**Beggar Weed** (*Desmodium molle*). Recommended as a forage plant for thin, sandy lands. Sow about first of June in drills three feet apart, five pounds per acre. Per lb., 40 cents; 5 lbs., \$1.75.

**Broom Corn.** Sow 12 quarts to the acre, after danger from frost is past. It succeeds best in a good deep, moderately moist soil.

**Long Brush Evergreen.** 15 cents lb.; 100 lbs \$10.00.

**Broom Scotch** (*Genista scoparia*). The young growth of this shrub is chiefly valuable as food for sheep in winter. It is also used for making coarse brooms. The plants when covered with their bright yellow flowers are very ornamental. 10 cents oz.; lb. 75 cents.

**Corn, Jerusalem.** See Sorghum.

“**Kaffir.** See Sorghum.

**Dhoura.** See Sorghum.

**Lupins, Yellow.** This succeeds in the poorest soils, and is very valuable for plowing under to improve sandy soil. It makes good forage, either green or as hay. Sow in spring when the ground has become warm, 90 lbs. to the acre. 20 cents lb.; 100 lbs., \$10.00.

—**Blue.** Used for plowing under. 20 cts. lb.; 100 lbs., \$10.00.

**Millo Maize.** See Sorghum.

**Millet, Pearl** (*Penicillaria spicata*). A valuable and very productive fodder plant; should not be sown until danger from frost is over. Drill, 18 inches apart, 10 pounds to acre. Lb., 15 cents, \$12 per 100 lbs.

**Millet, Japanese Barnyard Grass** (*Panicum crus Galli*).

Distinct from other varieties, enormous cropper, grows six to eight feet high, excellent either green or cured as hay. It prefers a moderately moist soil and may be sown in an average season from the middle of May until the first of July. Broadcast, at the rate of 25 lbs. per acre, or in drills 18 inches apart, 15 lbs. to the acre. Price per lb., 12 cents; 25 lbs. for \$2.50.

—**Breck's Japanese** (*Panicum miliaceum var. Japonica*). In growth and appearance somewhat like the best Southern grown Golden Millet, but of superior quality and immensely more productive. Everything considered, we believe it is the best millet yet introduced. Peck, 50 cents; bushel, \$1.50.

For other varieties of Millet see under Grasses.

**Clover, Crimson, German, or Scarlet.** Recommended as a valuable green manure crop and for an April green-food crop for cattle. Sow broadcast during July or August, 20 lbs. per acre. Per lb., 12 cents; \$10.00 per 100 lbs.

**Oats, Gray Winter, or Turf.** As hardy as winter wheat, and should be sown in August or September at the rate of one-and-a-half to two bushels per acre. They can be grazed late in the fall or early in spring, without injury to the grain crop. The yield of grain on good soil is frequently from 50 to 70 bushels per acre. These oats are also valuable for spring seeding. Per peck, 50 cents; bushel, \$1.50.

**Peas, Southern Cow** (*Vigna Catjang*). Valuable both for fodder and as a green crop to plow under. They gather large amounts of nitrogen from the air; cattle and sheep are very fond of them when in flower. A deep, rich, sandy soil gives best results. They should not be sown until the ground has become warm. Sow one to one-and-a-half bushels per acre.

Japanese Millet. *Panicum Crus Galli*.

See Special Offers on third page of cover.

## Peas, Southern Gow.

- **Whippoorwill.** One of the earliest. 15 cents qt.; bush., \$2.50.
- **Southern Yellow Eye.** Early and a heavy cropper. 15 cents qt.; bush., \$2.50.
- **Clay, or Wonderful.** Has matured in New England. 20 cents qt.; bush., \$2.75.
- **Southern Black.** Immense cropper. 15 cents qt.; bush., \$2.50.
- **White Canada Field.** Bush., \$1.35.
- **Green Canada Field.** Bush., \$1.50.
- **Black Eye Marrow.** Bush., \$1.75.
- **Flat Forage** (*Lathyrus sylvestris*). A valuable perennial forage plant, does well on poor, sandy soil, its deeply penetrating roots enabling it to stand severe drought. The forage is relished by all farm stock. Plant the seeds thinly in drills one foot apart. Per oz., 10 cents; lb., \$1.00.
- Rape, Dwarf Essex.** Valuable for sheep pasture or for plowing under. If sown in May it will be ready for pasture in July. It may be sown as late as the end of July, and under reasonable conditions will produce a large amount of pasture or fodder. Broadcast, 10 lbs. to the acre. Per lb., 15 cents; 100 lbs., \$9.00.
- Sacaline** (*Polygonum sachalanense*). A forage plant said to be suitable for growing on what are termed "waste lands." Seed should be started in the same way as cabbage, and the plants when large enough set out four feet apart each way. Per pkt., 10 cents; oz., 25 cents.
- Spurrey** (*Spergula arvensis*). Annual. This plant will grow on land that is too dry and thin to support clover, and so rapidly that three sowings may be made in one season. The crop may be fed both green and as hay. It is in condition to pasture sheep or cattle on in about six weeks after sowing, and sowings may be made every month from April to August. Sow broadcast 20 pounds per acre. Per lb., 15 cents; per 100 lbs., \$10.00.
- Sunflower, Large Russian.** 10 cents lb.; 100 lbs., \$5.00.
- Teosinte** (*Reana luxurians*). A valuable fodder plant, that in growth resembles Indian corn. It seems to do well in New England, and if cut early when tender is much relished by cattle and will give two or three crops in a season. 15 cents oz.; lb., \$1.00.
- Vetches, Spring Tares** (*Vicia sativa*). Sow broadcast at rate of one to one and a half bushels to the acre, like wheat or barley, and sometimes mixed with oats for soiling. Used in France and Canada as a substitute for peas. Also ground up into flour, after which it is mixed with wheat flour for making bread. A valuable plant. Per qt., 20 cents; per bush., \$3.00.
- **Sand, Winter, or Hairy Vetch** (*Vicia villosa*). This variety thrives on poor, sandy soil. It may be sown either in fall or spring, mixed with rye or oats, which serve as a support to the plants. It grows to a height of about four feet, and can be cut twice for fodder, first as soon as the bloom appears, and then it can be again cut for the seed. The plants are perfectly hardy and recommended as being very nutritious. Sow one and a half bushels per acre. 20 cents qt.; bush., \$4.50.

## Sorghum.

- Early Amber Sugar-Cane.** Ripens where Indian corn matures. Per lb., 15 cents; per 100 lbs., \$8.00.
- Early Orange Sugar-Cane.** Ripens about ten days after Early Amber. Per lb., 15 cents; per 100 lbs., \$8.00.
- Brown Dhoura Corn.** Per lb., 15 cents; per 100 lbs., \$8.00.
- Yellow Branching.** (Yellow Millo Maize.) It is non-saccharine; used only for the large amount of foliage, green feed, or cured fodder that it furnishes, and for its grain. Per lb., 20 cents; per 100 lbs., \$10.00.
- White Branching.** (White Millo Maize.) The merit of this non-saccharine sorghum is, that when cut for feeding it starts again from the remaining stumps with renewed strength and vigor; thrives in the hottest and driest localities. Per lb., 20 cents; per 100 lbs., \$10.00.
- Red Kaffir Corn, or Sorghum.** Non-saccharine. The plant is low, stocky, perfectly erect. The whole stalks, as well as the blades, cure into excellent fodder, and in all stages of its growth is available for green feed. Per lb., 15 cents; per 100 lbs., \$8.00.
- White Kaffir Corn.** Per lb., 15 cents; per 100 lbs., \$8.00.
- White African Sorghum, African Millet, or White Dhoura.** Per lb., 15 cents; per 100 lbs., \$8.00.
- Jerusalem Corn.** One of the best and surest for dry countries and seasons. Grows about three feet high; with one large head on main stalk and several smaller heads on side shoots. The grains are white and nearly flat. Per lb., 15 cents; per 100 lbs., \$8.00.

## Grasses.

Special attention is called to the fact that by advantageous arrangements with the parties who grow the different seeds for us, we are enabled to make a large reduction in the prices of Permanent Pasture and other Grass Mixtures, without impairing the very high standard of purity and germination that we have always maintained.

"And he gave it for his opinion that whoever would make two ears of corn or two blades of grass to grow upon a spot of ground where only one grew before would deserve better of mankind, and do more essential service to his country, than the whole race of politicians put together."—SWIFT.

We desire to call special attention to the following list of AGRICULTURAL GRASSES, which will, we think, be found very comprehensive, both as to varieties and descriptions. We are devoting a great deal of time to this most important subject, and the department has already become an extensive one with us.

Having learned by experience that the so-called imported grasses which are offered by those making a specialty of them in this country are very far from reliable, both as regards purity and quality, we have found it necessary to import all our seeds of this character direct. We have accordingly made arrangements for our stocks with one of the most prominent growers of Agricultural Grasses on the Continent, who, by virtue of many years' experience in growing seeds of this peculiar character, has become the recognized headquarters for same. This will enable us to furnish our customers with the very best, and that which we know to be free from all adulteration.



Timothy.

See Special Offers on third page of cover.

**Grasses**—Continued.

It seems almost unaccountable that at this day, when the different branches of practical agriculture are seemingly so thoroughly understood, that our American farmers should apparently ignore the importance of sowing upon their fields only those kinds of grasses which are *adapted to the soil and climate*, and which will produce in the shortest length of time a luxuriant crop of the desired character. The list of grasses now in use by most of our farmers can be counted on the fingers of one hand, which showing is indeed a small one, when we take into consideration the many species, valuable because of their respective merits, which should be in constant demand for the various soils and climates of America.

We invite special attention to our "Mixtures" for Permanent Pastures and Mowing Lands, which follow our descriptions. We have endeavored to bring into prominence a few important facts under the head of *Mixtures*, which, we think, cannot fail to be of interest to any one who is concerned in the laying down of profitable pastures, or who desires to obtain large crops of hay of choice quality from his fields.

**Awnless, or Smooth Brome Grass** (*Bromus inermis*). An erect growing perennial that attains a height of from three to five feet.

It is especially recommended for dry and arid soils where the more delicate grasses will not grow. Its remarkable drought-resisting qualities make it very valuable for dry situations, while its extreme hardness enables it to withstand our coldest winters without serious injury. The rootstocks of this variety spread rapidly under ground, sending up new shoots, and thus form a close, dense sod. On this account it should not be sown except where a permanent grass crop is desired. (Per bushel 20 lbs.)

**Meadow Brome Grass** (*Bromus pratensis*). A hardy perennial useful in mixtures for both mowing and pasture. It should not be sown alone except in poor soil or dry hillsides. It withstands extreme cold and drought, and if cut before flowering it makes a good hay. (Per bushel 18 lbs.)

**Timothy** (Herd's Grass or Catstail) (*Phleum Pratense*). Root fibrous on moist soils; on dry soils often bulbous; perennial; flowers in June and July. While this grass is commonly known as Timothy, it is frequently called Herd's Grass, as this is the name under which it was originally cultivated. It is, without doubt, a most valuable grass for hay, especially in the North. It thrives best on moist, loamy soils of medium tenacity. Grows very readily and yields large crops on favorable soils. Should be cut just when the blossom falls. The hay is of best quality, yielding, under favorable circumstances, three or four tons per acre. (Per bushel, 45 lbs.)

**Orchard Grass** (*Dactylis glomerata*). Root fibrous; perennial; flowers in June and July. This is one of the most valuable and widely known of all the pasture grasses. Its rapidity of growth, the luxuriance of its aftermath, and its power of enduring the cropping of cattle, all commend it highly to farmers. Thrives well on light soils, and as its roots penetrate to a considerable depth, where the subsoil is favorable, it withstands droughts better than most species on dry sandy soils. It is very valuable to be used in a mixture with Timothy and Clover, and produces splendid crops of hay. This grass is sometimes condemned because of its coarse growth, which is only apparent when in a neglected condition, but with proper management no grass is more valuable. When pastured Orchard Grass should never be allowed to become coarse, but should be kept closely cropped. In this condition it is highly nutritive, and relished very much by all kinds of stock. (Per bushel, 14 lbs.)

**Kentucky Blue Grass** (Meadow Grass, June Grass, Spear Grass), (*Poa pratensis*). Root creeping; perennial; flowers in June. This valuable grass is very common in the soils of America, and is claimed by some to be the most valuable of all the grasses in our pastures. On the other hand, some claim that its creeping root impoverishes the soil. It is a fact, however, that it grows very luxuriantly, producing the most nourishing food for cattle until late in the season in the North, while in the South abundant herbage is furnished throughout the entire winter. It is a very valuable species in lawn mixtures. Kentucky Blue Grass requires about two or three years to become well set, and does not arrive at perfection as a pasture grass until the sward is at least four years old, hence it is not suited for alternate husbandry, or where the land is to remain in grass two or three years, and be then plowed up. (Per bushel, 14 lbs.)



Kentucky Blue Grass.

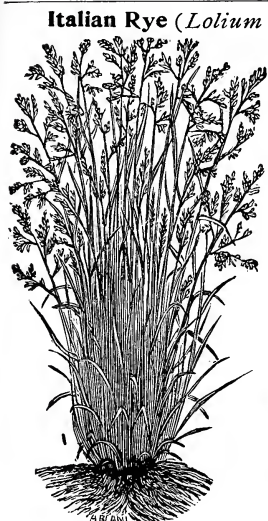


Orchard Grass.

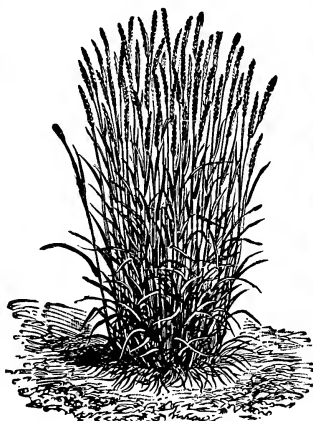
**Red Top** (Herd's Grass), (*Agrostis Vulgaris*). Root creeping; perennial; flowers in July. This valuable grass has been commonly cultivated in our fields for over a century. It is a fine permanent grass, and forms a nutritious pasturage when fed close. It is valuable for all wet soils producing a large return in good hay. Red Top is often sown with Timothy and common Red Clover, in which case the Clover soon disappears, followed by Timothy, after which the Red Top usually takes its place, and with some wild indigenous grass forms a close sward. When sown alone three bushels per acre are required, or 15 lbs. of the clean seed. (Per bushel, 10 lbs.)

Fancy or clean seed per bushel, about 40 lbs.

See Special Offers on third page of cover.



Meadow Fescue.



Crested Dog's-Tail.

makes an excellent grass for oxen, cows, and sheep, but is thought too fine for horses. It is easily made into hay which is of a nutritive character. (Per bushel, 10 lbs.)

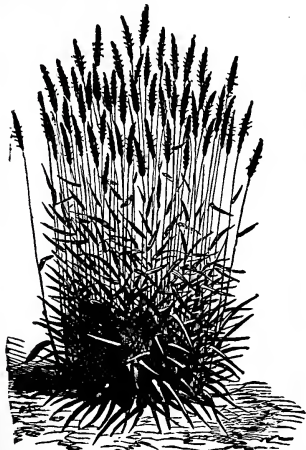
**Meadow Foxtail** (*Alopecurus pratensis*). Root fibrous; perennial; flowers in May. This is one of the best grasses for permanent pastures, and should always form a fair proportion of the mixtures for that purpose, because of its extremely rapid growth and great nutritive qualities. Thrives best on a rich, strong soil. As the Meadow Foxtail shoots up its flowering stalk much earlier than Timothy, it can be easily distinguished from the latter, which, at first sight, it greatly resembles. It endures the cropping of cattle and sheep probably better than any other variety of grass, making it, as stated above, well-nigh indispensable in all first-class permanent pastures. The nutritive qualities of Meadow Foxtail are most abundant at time of flowering. (Per bushel, 8 lbs.)

**Crested Dog's-Tail** (*Cynosurus cristatus*). Roots fibrous and tufted; perennial. This is a most valuable permanent pasture grass. It is very tender and nutritious at time of flowering. If, however, it is left until the seed ripens, cattle will not eat it on account of its wiry stems. For parks this grass is well suited, because of its fine, close growth, and pleasant green color. It should form a portion of all mixtures for lawns. (Per bushel, 28 lbs.)

**Meadow Fescue, or English Blue Grass** (*Festuca pratensis*). Root creeping; perennial; flowers in July; one of the most valuable of the Fescue grasses. This grass is well adapted for permanent pastures, and is also sometimes used for alternate husbandry. It grows rapidly in rich and rather moist soils, and makes an excellent pasture grass, its long, tender leaves being much relished by cattle. It should be always sown mixed with other grasses. (Per bushel, 15 lbs.)

**Sheep's Fescue** (*Festuca ovina*). Somewhat creeping; perennial; flowers in June and July; especially desirable on light, dry, sandy soils. It is much liked by sheep, and should always enter into the compositions of mixtures for lands on which they are to be pastured. Its compact and fine growth make it suitable for lawn mixtures. (Per bushel, 12 lbs.)

**Tall Fescue** (*Festuca elatior*). Root fibrous, somewhat creeping; perennial; flowers in June and July. In appearance this species resembles the *Festuca pratensis*, but is larger and of stronger growth. It thrives well on moist soils, and yields abundant crops. Cattle and stock eat it greedily. It should form a portion of every mixture for permanent purposes on moist soils. (Per bushel, 15 lbs.)



Sweet Vernal.



Italian Rye Grass.



Meadow Foxtail.



Hard Fescue.

See Special Offers on third page of cover.



Red Top.



Perennial Rye Grass.

a good supply of herbage, of which cattle are very fond. It grows freely on almost any soil, and shows a very early spring growth. Although a perennial grass, the root will not live over three or four years, and unless the plant is allowed to reproduce from self-sown seed it will die out in about that time. This is an objection to its extensive use for permanent pastures, but for hay crops it may be introduced to good advantage along with other grasses and clovers. (Per bushel, 24 lbs.)

**Hard Fescue** (*Festuca duriuscula*). This is one of the best grasses of the Fescue family. It is regarded by some as a variety of the Red Fescue, though taller, and the panicle more open. It is found in all the finest permanent pastures of the country, and is much valued for its dwarf habit. It resists the summer drought, and develops remarkable verdure during winter. It should form a part of every mixture for lawn or pleasure grounds, and for permanent pasture and alternate husbandry. (Per bushel, 14 lbs.)

**Red or Creeping Fescue** (*Festuca rubra*). This grass is found growing on light, dry, sandy soils, and from its creeping habit will be found of great value on sandy seacoast lands. It is a grass of better quality than some of the uncultivated species, but is not usually cultivated in this country as an agricultural product, except on elevated sheep pastures. (Per bushel, 13 lbs.)

**Sweet Vernal** (*Anthoxanthum odoratum*). Root fibrous; perennial flowers in May. This grass is valuable on account of its early growth and its hardy and permanent nature, which, added to the fact that it throws up its flower stalks till the end of autumn, upholds its claim to a place in all compositions where permanency is an object. It is very fragrant, and imparts a pleasant odor to the hay. Will grow in almost any kind of soil, but prefers those which are rich and moist. It is greatly relished by sheep, and is found growing naturally on upland pastures. As a component of "lawn mixtures" it is most valuable, and is largely used for this purpose. The seeds of this grass are scarce and most difficult to be had true. An inferior variety of *Anthoxanthum* being sometimes offered at a low price by unscrupulous dealers, care ought to be exercised in buying. Our seed is guaranteed to be the true *Perennial Sweet Vernal*. (Per bushel, 11 lbs.)

**Yellow Oat Grass** (*Avena flavescens*). This grass deserves to form a portion of all mixtures for permanent purposes, and is well suited for lawns, croquet and bowling greens. It thrives best on light, dry soils, and is particularly adapted to exposed and elevated situations, where it is found growing naturally. Cattle eat it readily, and it is much relished by sheep. The seed of this grass, like that of the Sweet Vernal, is scarce and most difficult to be had true. The seed we offer is guaranteed to be the true *Yellow Oat Grass*. (Per bushel, 11 lbs.)

**Tall Meadow Oat Grass** (*Arrhenatherum avenaceum*). A fibrous-rooted perennial; flowers in July; of luxuriant growth, and valuable in permanent pasture mixtures, on account of its early and late growth. It succeeds best on deep sandy lands, and is suitable for sowing in orchards or other shady places. (Per bushel, 15 lbs.)

**Wood Meadow Grass** (*Poa nemoralis*). This grass, as its name implies, is found naturally in woods and is well adapted for growing under trees. It is especially desirable, from its fine habit of growth, for sowing on shady lawns and under trees, on pleasure grounds. Root fibrous, flowers in June and July. (Per bushel, 14 lbs.)

**Various Leaved Fescue** (*Festuca heterophylla*). A very early hardy perennial, two to three feet high, thriving best in cool, moist soils. It yields heavily and is a valuable grass in mixtures for permanent meadows, either for mowing or grazing. Its great production of root leaves makes it an excellent bottom grass. It grows well in the shade and is suitable to form part of a mixture for shaded lawns. (Per bushel,—lbs.)

**Rhode Island Bent** (*Agrostis canina*). Root creeping; perennial; flowers in July. A most valuable permanent grass, largely used in New England for pastures and for lawns. For the latter purpose it is often sown by itself, and if cheapness is an object perhaps it is as good as could be sown, but we recommend the lawn mixture wherever practicable. Soil and treatment same as for Red Top (*A. vulgaris*). (Per bushel, 10 lbs.)

Fancy or clean seed, per bushel, 40 lbs.

**Rough Stalked Meadow Grass** (*Poa trivialis*). Root fibrous; perennial. This grass is valuable on account of its quick growth, productiveness, and nutritive qualities. Grows in perfection on moist, rich soils, and is also well adapted to ground shaded by trees. Grows early in the spring, and continues green until late in the fall. As it delights in shelter, its produce is always much greater when sown with other grasses. Cattle, sheep, and horses show a great partiality for it, and the pasture is generally eaten barest where this grass predominates. Does not thrive well on dry soils. (Per bushel, 14 lbs.)

**Perennial Rye** (*Lolium perenne*). A very valuable grass; arrives early at maturity and produces



Sheep's Fescue.



Red Clover.



White Clover.

See Special Offers on third page of cover.

## Millets.

**Hungarian Grass** (*Panicum Germanicum*). This is a species of millet, growing less rank, with smaller stalks, often yielding two or three tons of hay per acre. It is very popular and valuable. Like the common millet, it is an annual, and requires to be sown every season, but will produce a larger return than almost any other crop. (Per bushel, 48 lbs.)

**Japanese Millet, Japanese Barnyard Grass** (*Panicum Crus Galli*). Distinct from other varieties, enormous cropper, grows six to eight feet high, excellent either green or cured as hay. It prefers a moderately moist soil and may be sown in an average season from the middle of May until the first of July. Broadcast, at the rate of 25 lbs. per acre, or in drills 18 inches apart, 15 lbs. to the acre. (Per bushel, about 35 lbs.)

**Breck's Japanese Millet** (*Panicum Miliaceum var. Japonica*). In growth and appearance somewhat like the best Southern grown Golden Millet, but of superior quality and immensely more productive. Everything considered, we believe it is the best millet yet introduced. (Per bushel, 50 lbs.)

**Common Millet** (*Panicum Miliaceum*). Requires a dry, light, rich soil, and grows two and a half to four feet high, with a fine bulk of stalks and leaves, and is excellent for forage. For hay, sow broadcast one bushel per acre from May first to August first. For grain, sow in drills, half-bushel to the acre, not later than June 20th. (Per bushel, 50 lbs.)

**German or Golden Millet** (*Panicum Miliaceum var.*). An improved variety, medium early, growing three to five feet high. The heads are closely condensed, though the spikes are very numerous. (Per bushel 50 lbs.)

During the past few years, the fact has been established beyond doubt that seed of the German or Golden Millet grown in Southern latitudes will produce a much larger yield of hay than from seed grown in Northern or Western sections of the country, and for that reason is far better for farmers to sow. We have a good stock of Southern grown seed, and, knowing its value, confidently recommend it. Bear in mind that to the farmer, Southern grown seed is worth double that of Northern or Western grown, as that seed is degenerated and crossed with other millets.

## Clovers.

There are no plants so valuable for fertilizers as the Clovers. They have the faculty of absorbing nitrogen from the air, and also of rendering available much of the inert plant food of the soil. Their long, powerful tap roots penetrate to a great depth, loosen the soil, admit air, and by their decay add immensely to the fertility of the soil.

**Medium Red** (*Trifolium pratense*). This is the common Red Clover in general cultivation, and too well known to need a general description. It is by far the most important of all varieties for the practical purposes of agriculture. When sown alone produces hay of splendid quality, and with Timothy or other grasses forms a desirable pasture. (Per bushel, 60 lbs.)

**Mammoth or Pea Vine** (*Trifolium pratense var.*). Grows five or six feet high; its stalks are so coarse and large that stock will eat only the lands which have been exhausted where the common clover will.

**Alsike or Swedish** (*Trifolium*). Most hardy of clovers, and is sists cold and extreme drought yields an enormous amount of quality. Can be cut several suited to low lands liable to wash, over a large area and hold the rains. The heads are globular, much liked by bees, who obtain them. (Per bushel, 60 lbs.)

**Lucerne or Alfalfa** (*Medicago*). Succeeds well it is probably clovers. It is not, however, ern or Northern States, but Southern. It requires a fine tablished, but when once thortifable crop for a number of years. of green fodder, and should be som. Although a prodigious soil, but on the contrary improves adapted, four to five crops can bushel, 60 lbs.)

**White Clover** (*Trifolium*). clover to the farmer is well nearly every natural pasture. It deep-rooted plant, it withstands It should form a part of all mix-and is also valuable for alternate husbandry, when these crops are sown down for more than one year. (Per bushel, 60 lbs.)

**Crimson Clover** (*Trifolium incarnatum*). Is also known as Scarlet Clover and Carnation Clover. It is of rapid growth, and of great value where only one crop is desired, sown either alone or with Italian rye grass. It is an immense yielder, and can be fed green or made into hay. It may be sown in the fall for an early summer crop, or in the spring for cutting in July. (Per bushel, 60 lbs.)

**Yellow Trefoil** (*Medicago lupulina*). An annual or biennial suitable for pasture in wet meadows, or for stiff, clayey soils which are too poor for Red Clover. (Per bushel, 60 lbs.)

**Bird's-Foot Trefoil** (*Lotus corniculatus*). Perennial; used in dry pastures. Cattle and sheep eat it readily and it is said to be quite nutritious. It does well on very light and dry soils, and is recommended for sowing in mixtures for dry pastures. (Per bushel, 60 lbs.)



Alsike Clover.

*ium hybridum*). This is the fast gaining popularity. It re-and wet, and on rich moist soil hay or pasture of a nutritive times in a season. It is well as its long, fibrous roots spread soil so as to resist the heaviest very sweet and fragrant, and a large amount of honey from

*cago sativa*). Where this var-one of the most valuable of all particularly adapted to the East-flourishes in all Western and mellow soil to get it firmly es-oughly fixed will produce a pro-It yields an enormous amount cut when commencing to blos-yielder, it does not exhaust the it. In States to which it is be obtained in one season. (Per

*repens*). The value of this known, and it is to be found in is adapted to all soils. Being a drought on dry, sandy sections. tures for permanent pastures,

## Mixtures for Permanent Pastures.

"One thing is certain: that good pasture land is the foundation of the riches of a farm."—SINCLAIR.

The oft-repeated complaints of wornout and exhausted pastures, made to us by some of our best New England farmers, have long impressed us with the fact that there must be something radically wrong with the manner in which our pastures are formed and cared for. Some remedy for this state of matters is imperatively necessary, and it seems to us that one most important line of improvement would be the sowing of a larger number of species of grasses in the laying out of these pastures.

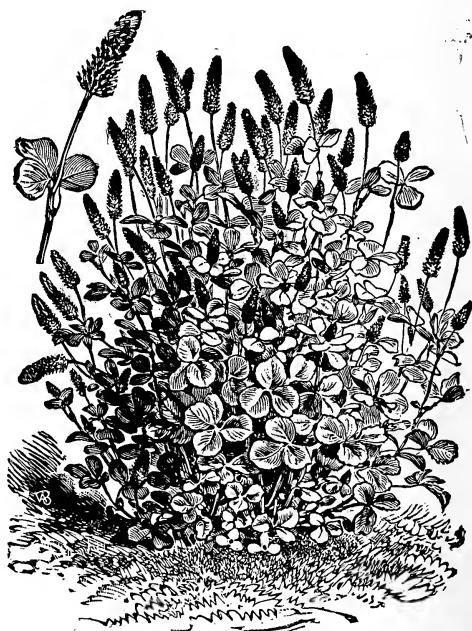
As we have already expressed as our opinion, farmers, as a rule, in preparing their mixtures of grasses to be used in the laying down of permanent pastures, confine themselves to too few varieties, thus failing to arrive at the most profitable results. The chief properties which give value to a grass are nutritive powers, produce, early growth, and reproductiveness (that is, the property of growing rapidly after being cropped). If one species of grass could be discovered that possessed all these qualities in a superior degree to every other, there would be no necessity beyond that of botanical science for us to acquire the knowledge which enables us to distinguish the different species of grasses, the soils and subsoils best adapted to their growth, natural habits, and comparative value; but the results of all experiments have proven that a combination of all the merits and properties which give value to a grass is not to be found in any single species, or in fact in any two or three. In sowing a mixture or a number of different varieties we are but following nature, who can be always depended upon as the best teacher. This can be easily demonstrated by the careful examination of any old, rich, permanent pasture, on which will invariably be found fifteen or twenty species of grass or forage plants growing in great profusion. Where, however, it is left to nature to supply the necessary plants to make a rich and succulent pasturage, a great deal of valuable time is, of necessity, lost, or *seven or eight years* will elapse before the field will *naturally* assume the character of a rich and profitable pasture, while by *artificial* means the same result can be brought about in *one-fourth the time*.

In compiling any table of grasses and clovers to be used for permanent pasture purposes there are several important features to be taken into consideration. First, the proportion of plants which would be produced from the amount of each kind of seed sown should be determined, so that the undue predominance of any particular variety may be avoided. We have given this point special consideration in preparing our mixtures. A selection of grasses should be made that blossom at alternate months of the year, as it is a well-known fact that there is no month from April to September inclusive, in which some of the valuable grasses do not attain their full perfection.

By using a mixture comprising these species, it will be at once apparent that a rich and luxuriant growth will be secured throughout the entire season, which result cannot possibly be obtained if the stereotyped mixture usually recommended composes the sward. It would be almost impossible for us to give a series of tables which would comprehend all the variations of soils, altitudes and climates. We think, however, that those we have compiled will be found sufficiently comprehensive to meet all the contingencies that arise in ordinary farming.

These mixtures, which we recommend only after careful study and consultation with the best authorities, are of little or no value unless the seeds composing them are absolutely pure and true to name. We, therefore, especially request those who desire to obtain the best results from their mixtures for alternate husbandry, mowing lands, and permanent pastures, to *avoid the probability of disappointment* which would naturally attend the placing of orders with parties who have never given any degree of attention to this most important subject, and buy from us direct (or authorized agents), who are the first in this country to make a specialty of this branch of the seed business. We doubt if a full stock of all the grasses which form the components of our mixture could be found anywhere in the United States outside of our own establishment, and *know* they cannot be obtained in the same quantities and of equal quality.

In conclusion, we would say, that although pastures be formed in the best manner as recommended by us, with a combination of MANY different species of grasses, yet a judicious mode of treatment afterwards is as necessary to continue their value. By proper stocking and top-dressing, very indifferent pastures may be brought to a state of great fertility; but, on the contrary, the richest pastures by neglect of proper stocking, top-dressing, or by the too frequent repetition of hay crops, will become so unprofitable as to require many years to bring them again to their original value. This fact every practical farmer is well aware of, and after the proper mode of sowing and stocking has been determined on, a suitable top-dressing should be found. Under the head of Fertilizers, in another part of this Catalogue, will be found a reliable top-dressing, which we can strongly recommend as being specially adapted for pastures of this character.



Crimson Clover.

**BRECK'S SPECIAL MIXTURES FOR PERMANENT PASTURES.**

*Table showing the proper quantities to Sow on an Acre of Light, Medium or Heavy Soils, for Permanent Pasture.*

KIND.		No. 1.	No. 2.	No. 3.	No. 4.
		Light Soils.	Medium Soils.	Heavy Soils.	For Orchards and shady places.
Timothy . . . . .	<i>Phleum pratense</i> . . . . .	2 lbs.	3 lbs.	4 lbs.	3 lbs.
Red Top . . . . .	<i>Agrostis vulgaris</i> . . . . .	4 "	4 "	6 "	3 "
Orchard Grass . . . . .	<i>Dactylis glomerata</i> . . . . .	8 "	6 "	4 "	6 "
Meadow Fescue . . . . .	<i>Festuca pratensis</i> . . . . .	2 "	2 "	1 ½ "	—
Hard Fescue . . . . .	<i>Festuca duriuscula</i> . . . . .	—	1 "	2 "	2 "
Tall Fescue . . . . .	<i>Festuca elatior</i> . . . . .	2 "	2 "	4 "	1 "
Blue Grass . . . . .	<i>Poa pratensis</i> . . . . .	4 "	4 "	2 "	5 "
Rough Stalked Meadow . . . . .	<i>Poa trivialis</i> . . . . .	—	2 "	4 "	6 "
Perennial Rye Grass . . . . .	<i>Lolium perenne</i> . . . . .	2 "	3 "	3 "	—
Meadow Foxtail . . . . .	<i>Alopecurus pratensis</i> . . . . .	1 "	2 "	2 "	2 "
Crested Dogstail . . . . .	<i>Cynosurus cristatus</i> . . . . .	2 "	1 "	1 "	4 "
Wood Meadow . . . . .	<i>Poa nemoralis</i> . . . . .	1 "	1 "	—	—
Yellow Oat Grass . . . . .	<i>Avena flavescens</i> . . . . .	2 "	1 "	—	—
Sweet Vernal . . . . .	<i>Anthoxanthum odoratum</i> . . . . .	2 "	1 "	—	—
White Clover . . . . .	<i>Trifolium repens</i> . . . . .	4 "	4 "	4 "	5 "
Alsike Clover . . . . .	" <i>hybridum</i> . . . . .	1 "	1 "	½ "	—
Perennial Red Clover . . . . .	" <i>pratense perenne</i> . . . . .	2 "	3 "	3 "	3 "
		39 lbs.	41 lbs.	41 lbs.	40 lbs.

**ALTERNATE HUSBANDRY.****Mixtures for Mowing and Grazing Lands.**

As the pioneers of grass mixtures in this country, we naturally have great pleasure in learning from day to day and season to season that our remarks under the heading "Mixtures for Permanent Pastures" are fast becoming universally admitted facts; and we predict with confidence that the time is not far distant when the practice of sowing only one or two varieties of grass seeds with the hope of obtaining the best results from it will pass, and the better and more profitable one of following nature's plan be adopted.

Many of our statements regarding Permanent Pasture Mixtures are equally pertinent when applied to Alternate Husbandry. It does not require much thought to convince any practical agriculturist that there is no basis to a system that employs the same quantity and kinds of grass seeds on all occasions, without regard to soil, duration of lay, or the condition in which the crop is to be used. All mixtures for Alternate Husbandry should include, say for one or two years' lay, only annual and biennial or other sorts that attain full maturity within that period; for two or three years' lay a greater quantity of seed is required, which should embrace a larger proportion of permanent sorts, so that the places of the dead annual kinds may be filled by the varieties that are of slower growth.

If a mixture principally for mowing is intended to lay more than three or four years, especial care is necessary in selecting and adjusting the several varieties of grasses in proper proportion. A three or four years' lay sown with grasses that are only of annual or biennial duration must be either very thin or foul at the end of the period for which it was laid down—the spaces vacated by the annual and biennial grasses being in all likelihood occupied by objectionable weeds, when, if a proper selection of those species capable of lasting the whole of the desired period were sown, the lay would remain full of plants, free from weeds, and, consequently, much more profitable during the whole time the land is in grass.

The practice of mowing grass for hay when the plants are in blossom is acknowledged to be a good one, in that it is not so exhausting to the soil, and a more succulent hay, freer from dust, is obtained; it has, however, from the fact that all natural reseedling is prevented, a tendency to weaken the plants and reduce their number; hence, when we see an old field of grass that was originally sown with Timothy, Redtop and Clover, and which has been mowed, perhaps, twice annually, we can readily account for either the enormous number of weeds or vacant places that are sure to be noticeable. Our system of mixture practically overcomes this difficulty by the continued growth and stooling out of some of the varieties included that do not attain full maturity under four to six years. Such mixtures, although in the first place more expensive than the ordinary orthodox seeding, are in the end more profitable; we have seen aftermaths from permanent mowing mixtures that more than equaled first crops of Timothy.

In making up the following tables the utmost care has been exercised, and we have no hesitation in recommending them to our patrons.



Lucerne Clover.

See Special Offers on third page of cover.

**BRECK'S SPECIAL MIXTURES FOR MOWING AND GRAZING LANDS.**

	1 or 2 Years' Mowing.			2 or 3 Years' Mowing or Grazing.			4 Years' Mowing or Grazing.			Permanent Mowing with occasional Grazing.		
	No. 5	No. 6	No. 7	No. 8	No. 9	No. 10	No. 11	No. 12	No. 13	No. 14	No. 15	No. 16
	Light Soils.	Medium Soils.	Heavy Soils.	Light Soils.	Medium Soils.	Heavy Soils.	Light Soils.	Medium Soils.	Heavy Soils.	Light Soils.	Medium Soils.	Heavy Soils.
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
Italian Rye Grass . . . . .	6	6	6	4	4	4	3	3	3	3	3	3
Perennial Rye Grass.....	4	4	5	5	5	6	5	6	7	6	6	7
Orchard Grass.....	4	3	3	6	5	5	8	6	6	9	7	7
Meadow Foxtail.....	—	—	—	1	2	2	2	3	3	2	3	3
Hard Fescue.....	—	—	—	—	—	—	2	1	1	2	2	2
Blue Grass.....	—	—	—	—	—	—	—	—	—	2	3	3
Red Top.....	2	2	3	2	2	3	3	4	4	3	3	3
Wood Meadow.....	—	—	—	—	—	—	—	—	—	1	1	1
Rough-stalked Meadow....	—	—	—	—	—	—	1	2	3	1	2	2
Meadow Fescue.....	1½	1½	2	1½	2	2	2	3	4	2	4	4
Sweet vernal.....	½	½	½	½	½	½	1	1	1	1	1	1
Timothy.....	7	9	9	7	9	9	3	4	4	2	3	3
Red Clover.....	7	8	8	4	5	5	—	—	—	—	—	—
Perennial Red Clover.....	—	—	—	—	—	—	4	5	5	2	2	3
Alsike Clover.....	1	1	1½	2	2	2	2	1	1	2	1	1
White Clover.....	—	—	—	2	1½	1½	2	2	2	2	2	2
	33	35	38	35	38	40	38	41	44	40	43	45

**NOTE.**

It will be noticed that the different tables are all based on the quantity required to sow one acre, so in ordering, our patrons will please state the number of acres for which the seed is desired. We shall, unless we are especially instructed to the contrary, put up each variety of seed in separate packages, packing the entire quantity necessary for one acre in a case. We recommend our friends to always buy their mixtures put up as above, and to refuse to receive them in any other shape. The advantage of buying the seed before it is mixed is very apparent, as it insures the purchaser obtaining the exact varieties and quantities which should compose the mixture he has ordered. This protection cannot be enjoyed where the seed is mixed before it is sent out.

**PRICES FOR JOSEPH BRECK & SONS' SPECIAL MIXTURES FOR PERMANENT PASTURES AND MOWING AND GRAZING LANDS.**

When ordering, simply give number and kind of mixture selected and the number of acres for which seed is desired; for example: "Send me No. 2 Mixture for Permanent Pastures for three acres."

**PERMANENT PASTURES.**

For Light Soils.	For Medium Soils.	For Heavy Soils.	For Shady Places.
<b>No. 1.</b>	<b>No. 2.</b>	<b>No. 3.</b>	<b>No. 4.</b>
Price Per Acre.	Price per Acre.	Price per Acre.	Price Per Acre.
\$9.00	\$8.50	\$8.00	\$9.00

**ALTERNATE HUSBANDRY.**

For 1 or 2 Years' Mowing.			For 2 or 3 Years' Mowing or Grazing.			For 3 or 4 Years' Mowing or Grazing.			Permanent Mowing with Occasional Grazing.		
No. 5.	No. 6.	No. 7.	No. 8.	No. 9.	No. 10.	No. 11.	No. 12.	No. 13.	No. 14.	No. 15.	No. 16.
Light Soils.	Medium Soils.	Heavy Soils.	Light Soils.	Medium Soils.	Heavy Soils.	Light Soils.	Medium Soils.	Heavy Soils.	Light Soils.	Medium Soils.	Heavy Soils.
Price per Acre.	Price per Acre.	Price per Acre.	Price per Acre.	Price per Acre.	Price per Acre.	Price per Acre.	Price per Acre.	Price per Acre.	Price per Acre.	Price per Acre.	Price per Acre.
\$3.80	\$4.00	\$4.25	\$4.50	\$5.00	\$5.25	\$6.00	\$6.75	\$7.50	\$6.50	\$7.50	\$7.75

**Special prices for quantities for ten acres and upwards.**

While it is true that the mixtures which we have recommended are SEEMINGLY much more expensive than what is commonly used, it should be borne in mind that a vastly increased value is given to the pasture not only for one year, but if the land is properly cared for it will remain in good condition for fifteen or twenty years without further sowing, and produce double the amount of fodder, while the ORDINARY sowing has to be repeated every three or four years; thus, in the end, costing more than four times as much as what would be paid originally for the proper mixture.

**CAUTION.**—Appreciating the fact that unscrupulous parties will probably offer mixtures for permanent pastures, mowing lands, and alternate husbandry, purporting to be the same as ours, we shall, as a matter of protection to both our patrons and ourselves, stencil or print on each case, and also on package containing each variety of seed, our name and address, and request our patrons before purchasing from any other source than ourselves direct, that they examine the case containing same, and if not stenciled as described they may know that it is NOT our mixture, and therefore not in any way entitled to our endorsement.

See Special Offers on third page of cover.

## BRECK'S LAWN GRASS SEED.



*By the courtesy of Luther Adams, Esq., of Newton, Mass., we produce here a partial view of his beautiful grounds. The fine lawns on Mr. Adams' estate are the product of BRECK'S LAWN GRASS SEEDS, and are but a fair representation of thousands of lawns raised from the same UNEQUALLED MIXTURE.*

We have given much thought and made many experiments in order to ascertain just what is the best mixture for permanent lawns, and the grasses which are best suited to this climate. By the proper blending of the varieties which constitute Breck's Lawn Grass, we have obtained a mixture that from early spring to late fall will give to lawns made with it that rich, deep green so often admired upon the lawns and parks of England, but so seldom seen in this country.

One quart will sow 300 sq. feet. Price, per qt., \$0.25. One peck will sow 2,400 sq. feet. Price, per pk., \$1.25. One half peck will sow 1,200 sq. ft. " "  $\frac{1}{4}$  peck, .75. One bushel will sow 10,000 sq. ft. Price, per bush., 4.00. Four bushels will sow one acre.

We can supply other mixtures of so-called Lawn Grass Seed at competitive prices, but we recommend our own as being superior in every respect to all others. When desired we make special mixtures of Grasses to suit different soils and conditions.

### BRECK'S "SHADY SPOT" LAWN GRASS.

This is a mixture of grasses that are naturally adapted for growing under trees and in places where the sun does not find ready entrance. If sown on such locations, in place of the ordinary Lawn Seed, bare and unsightly spots will be prevented. Per quart, 25 cents; peck, \$1.25; bushel, \$4.00.

### BRECK'S BANK AND TERRACE GRASS MIXTURE.

A mixture of deep-rooting grasses specially prepared for embankments and situations where it is impractical to get a successful catch of the less spreading rooted sorts. It produces a rich velvety turf throughout the season. No coarse growing undesirable varieties are used in this mixture. Per quart, 25 cents; peck, \$1.25; bushel, \$4.00.

### GOLF LINKS GRASS MIXTURE.

Since the game of Golf became so popular in this country, we have had frequent demands for mixtures of grass seeds, suitable both for the Courses and Putting Greens, and adapted to low, damp, as well as the thinner dry soils on the elevations.

It will be readily understood that no one mixture would be suitable for the different conditions. We have, therefore, prepared three mixtures.

No. 1. For Putting Greens. Sow at the rate of eighty pounds to the acre. Per lb., 15 cents.

No. 2. For light and dry soils. Sow at the rate of fifty pounds to the acre. Per lb., 12 cents.

No. 3. For low and damp grounds. Sow at the rate of fifty pounds to the acre. Per lb., 8 cents.

We will be glad to make special mixtures for other conditions of soil, etc.

*Do not use stable manure on your lawn. See page 67 for particulars of Breck's Odorless Lawn Dressing*

**See Special Offers on third page of cover.**

# ..LAWN HINTS..

In forming a new lawn, care should be taken in preparing the ground before seeding, for *desirable* grasses, like other valuable plants, will not thrive unless properly planted and fed. Have the soil put into condition by draining; if necessary, manuring, deep digging and trenching, for it is vain to expect a lawn to retain its beauty during the scorching days of July and August unless the ground is thoroughly pulverized, so that the roots of the grass can penetrate at least 18 inches deep. After the ground is trenched it should be harrowed, all stones, roots and rubbish removed, and made perfectly level, — for if this is not done before the seed is sown it cannot be done after the sward is formed, without great expense and labor, — and left to settle a week or ten days. Then it should be raked smooth, after which it is ready for the seed.

## To Renovate an Old Lawn.

When lawns are worn out from neglect or other causes, and where it is not convenient to renew them by spading up and reseeded, they may be greatly improved by a thorough raking, early in spring, with a short-toothed steel rake so as to remove the moss, dead roots, leaves and other useless incumbrances; then scatter evenly over the surface a coating of fine, clean loam, to the depth of, say, half an inch. *Breck's Lawn Grass Seed* should then be sown, using about half the quantity of seed required for new Lawns, again rake lightly and roll down firmly. All lawns are much benefited by a scattering of seed every season, and it may be sown with equal success either in spring or in the beginning of September.

## Enemies.

For a year or two lawn owners in Massachusetts have been greatly annoyed with the *Chaffer Beetle* or *June Bug*, the larvæ beginning their work of destruction early in June. It shows in small, round patches that turn red through the cutting off of the roots of the grass plants. If these patches are examined the plants will be found dead, the roots having been destroyed about an inch and one-half below the surface. If the battle is begun at this early stage there is little difficulty in overcoming the insects, but if they are allowed to make much headway the fight is more troublesome. As soon as the red patches show, obtain a wood beetle or paving rammer and thoroughly pound all such spots and a little over on to the green, healthy plants; this will kill the larvæ. Apply *Breck's Lawn Dressing* at the rate of five to six hundred pounds per acre, and, if practical, follow with a plentiful supply of water. This will enable the plants to make root and grow faster than the grub can work.

If, however, the larva is allowed to get control, the cure consists in reseeded in August or September. On lawns that have been made within a couple of years the grade need not be disturbed nor the ground dug over, the new seed bed being prepared by using a manure fork or rake to loosen the surface soil and remove the dead turf. Put on sufficient soil to bring the ground to the old level, sow the seed, rake in and roll. In the case of old lawns where the soil is hard and where the ground has not been turned over for a number of years it will be better to apply a dressing of nitrate of soda at the rate of two or three hundred pounds per acre in warm, sunny weather, and, say, three days later, proceed to remake the lawn, following the directions given above.

# Prices of Agricultural Grasses and Clovers.

Subject to Market Changes.

Special Quotations on Application.

KIND.	Price per lb.	Price per bush.	KIND.	Price per lb.	Price per bush.
R. I. Bent, <i>Agrostis canina</i> . . . . .	\$.025	\$2.25	Timothy, <i>Phleum pratense</i> . . . . .	\$.07	\$2.80
Red Top Chaff Seed, <i>Agrostis vulgaris</i> . . . . .	.10	.80	Wood Meadow, <i>Poa nemoralis</i> . . . . .	.40	7.00
Red Top Fancy Clean . . . . .	.14	5.00	Blue Grass (fancy), <i>Poa pratensis</i> . . . . .	.15	2.00
Meadow Foxtail, <i>Alopecurus pratensis</i> . . . . .	.30	2.25	Fowl Meadow, <i>Poa serotina</i> . . . . .	.25	2.25
Sweet Vernal [true] <i>Anthoxanthum odoratum</i> . . . . .	.40	4.25	Rough Stalked Meadow, <i>Poa trivialis</i> . . . . .	.40	8.00
Yellow Oat Grass, <i>Avena flavescens</i> . . . . .	.90	9.00	Tall Meadow Oat, <i>Arrhenatherum avenaceum</i> var. <i>japonica</i> . . . . .	.30	5.25
Crested Dogtail, <i>Cynosurus cristatus</i> . . . . .	.40	10.00	Hungarian Millet Grass, <i>Setaria germanica</i> . . . . .	.03	1.25
Orchard Grass, <i>Dactylis glomerata</i> . . . . .	.17	2.25	Common Millet, <i>Panicum miliaceum</i> . . . . .	.03	1.35
Hard Fescue, <i>Festuca duriuscula</i> . . . . .	.20	2.50	Golden Millet, <i>Panicum miliaceum</i> var. . . . .	.03	1.50
Tall Fescue, <i>Festuca elatior</i> . . . . .	.30	5.00	Japanese Millet, <i>Panicum crus Galli</i> . . . . .	.12	3.50
Sheep's Fescue, <i>Festuca ovina</i> . . . . .	.15	1.80	Breck's 'Japanese Millet, <i>Panicum miliaceum</i> var. <i>japonica</i> . . . . .	.04	1.65
Red Fescue, <i>Festuca rubra</i> . . . . .	.20	2.50	Yellow Trefoil, <i>Medicago lupulina</i> . . . . .	.20	10.00
Meadow Fescue, <i>Festuca pratensis</i> . . . . .	.20	3.25	Bird's-Foot Trefoil, <i>Lotus corniculatus</i> . . . . .	.40	
Italian Rye Grass, <i>Lolium italicum</i> . . . . .	.10	1.80	Red Clover, <i>Trifolium pratense</i> . . . . .	.14	
Perennial Rye Grass, <i>Lolium perenne</i> . . . . .	.09	2.00	Mammoth Red Clover, <i>Trifolium pratense</i> var. . . . .	.15	
Awnless, or Smooth Brome Grass, <i>Bromus inermis</i> . . . . .	.20	3.75	White Clover, <i>Trifolium repens</i> . . . . .	.25	
Meadow Brome Grass, <i>Bromus pratensis</i> . . . . .	.25	4.00	Alsike Clover, <i>Trifolium hybridum</i> . . . . .	.18	
Various-Leaved Fescue, <i>Festuca heterophylla</i> . . . . .	.30		Lucerne, or Alfalfa, <i>Medicago sativa</i> . . . . .	.18	
			Crimson Clover, <i>Trifolium incarnatum</i> . . . . .	.12	

See Special Offers on third page of cover.

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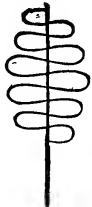
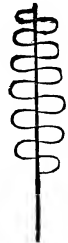
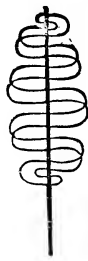

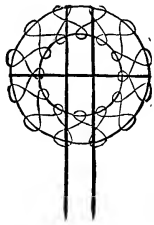

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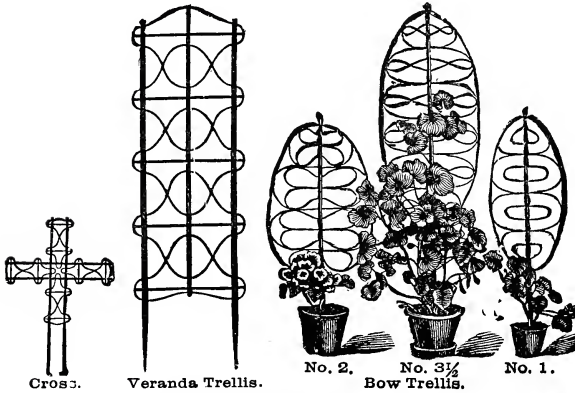
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No. 00	No. 00 wide.	No. 0.	No. 0 wide.	No. 0 1/2.	Ivy Trellis.	Fan Trellis.
			Each. Per doz.			Each. Per doz.
No. 00, 18-in. stick, 3 1/2 in. wide			\$0.05 \$0.50	Fan Trellis. — 1 1/2 ft.		\$0.10 \$1.00
" 00 wide, 20-in. stick, 8 in. wide			.08 .75	" 2 "		.15 1.50
" 0, 24-in. stick, 5 in. wide			.08 .75	" 2 1/2 "		.20 2.00
" 0 wide, 24-in. stick, 8 in. wide			.10 1.00	" 3 1/2 " x 21 in.		.50 5.00
" 0 1/2, 24-in. stick, 7 1/2 in. wide			.15 1.50	" 4 " x 27 "		.50 6.00
Ivy Trellis. — 16 in. diameter			.50 5.00	" 5 " x 32 "		.75 8.00
" 20 " "			.60 7.00	" 6 " x 38 "		.75 9.00
" 24 " "			.75 9.00	" 7 " x 42 "		1.00 11 00
				" 8 " x 46 "		1.00 12.00



**EXTRA WIDE VERANDA TRELLIS.**

	Each.	doz.
6 1/2 x 2 1/4 ft.	\$1.25	\$14.50
8 1/2 x 2 1/2 "	1.75	20.00
10 1/2 x 2 3/8 "	2.50	27.00
12 1/2 x 3 "	3.00	36.00

**ARCH TOP IVY.**

	Each.	Per doz.
28 x 14 in., black walnut base	\$1.00	\$10.00

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" 2,	30 x 14 "	.30	3.50
" 3,	36 x 12 "	.40	4.00
" 3 1/2,	42 x 14 "	.45	4.50
" 4,	48 x 15 "	.50	5.00
" 5,	60 x 18 "	.60	6.50
" 6,	72 x 20 "	.75	8.00

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	Each.	Per doz.
24 x 15 1/2 in.	\$0.30	\$3.00
42 x 24 "	.40	4.50

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	Each.	doz.
2 ft.	\$0.30	\$3.00
3 "	.40	4.00
4 "	.50	5.00
5 x 1 1/2 "	.70	8.00
6 x 1 1/2 "	.80	9.50
7 x 1 1/2 "	.95	11.50
8 x 1 1/2 "	1.10	13.00
9 x 1 3/8 "	1.25	15.00
10 x 1 3/8 "	1.50	18.00
11 x 2 "	1.75	21.00
12 x 2 "	2.00	24.00

**PLANT STICKS, ROUND or SQUARE, Painted Green.**

Size	Per 100	\$5.00
5 ft. long x 5/8 in. dia.		
4 ft. x 3/16 in.	" "	4.00
3 1/2 ft. x 3/16 in.	" "	3.50
3 ft. x 1/2 in.	" "	3.00
2 1/2 ft. x 7/16 in.	" "	2.00
2 ft. x 3/8 in.	" "	1.50
1 1/2 ft. x 5/16 in.	" "	1.00
6 feet, extra heavy; square only	" "	7.00

See Special Offers on third page of cover.

**GARDEN REQUISITES, ETC.**

Special Offer No. 3 only applies to goods on this page.

**FLOWER-POTS, SAUCERS and SEED-PANS.**

Inside Measurement, width and depth equal. Packing charged extra.

**FLOWER POTS.**

Size.	Price per doz.	Price per 100.	Size.	Price per doz.	Price per 100.	Size.	Price per doz.	Price per 100.
3 in. . . .	\$0.15	\$1.15	8 in. . . .	\$1.50	\$11.25	13 in. . . .	\$8.00	\$60.00
4 " . . . .	.25	1.75	9 " . . . .	2.15	16.00	14 " . . . .	Each.	
5 " . . . .	.45	3.20	10 " . . . .	2.90	21.50	15 " . . . .	\$0.90	
6 " . . . .	.65	4.80	12 " . . . .	5.40	40.00	16 " . . . .	1.20	
7 " . . . .	1.10	8.00				18 " . . . .	2.40	

**SAUCERS.**

Size.	Price per doz.	Price per 100.	Size.	Price per doz.	Price per 100.	Size.	Price per doz.	Price per 100.
3 in. . . .	\$0.15	\$1.15	8 in. . . .	\$0.65	\$4.75	13 in. . . .	\$2.15	\$16.00
4 " . . . .	.20	1.45	9 " . . . .	.85	6.40	14 " . . . .	Each.	
5 " . . . .	.25	1.85	10 " . . . .	1.10	8.00	15 " . . . .	\$0.20	
6 " . . . .	.30	2.40	12 " . . . .	1.60	12.00	16 " . . . .	.25	
7 " . . . .	.45	3.20				18 " . . . .	.40	

**FERN PANS.**

Size.	Pots. Per doz.	Saucers. Per doz.	Size.	Pots. Per doz.	Saucers. Per doz.
4 x 1 7/8 in. . . .	\$0.40	\$0.25	7 x 2 7/8 in. . . .	\$0.85	\$0.50
4 3/4 x 2 1/8 " . . . .	.50	.30	8 x 3 1/4 " . . . .	1.25	.75
5 1/2 x 2 1/4 " . . . .	.60	.40	9 x 3 1/4 " . . . .	1.50	1.00
6 1/4 x 2 1/2 " . . . .	.75	.45	10 x 4 " . . . .	1.70	1.25

**ROUND SEED PANS.**

Size.	Each.	Per doz.	Per 100.
6 in. . . .	\$0.06	\$0.65	\$4.80
8 " . . . .	.10	1.10	7.25
10 " . . . .	.20	1.95	14.50
12 " . . . .	.25	2.70	20.00
14 " . . . .	.45	5.40	40.00

**SQUARE SEED PANS.**

Size.	Each.	Per doz.	Per 100.
6 x 6 . . . .	\$0.25	\$2.70	\$22.50
8 x 8 . . . .	.30	3.25	24.00
10 x 10 . . . .	.35	3.60	28.00
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12 x 12 x 4 . . . .	.50	5.40	40.00

**NEPONSET PAPER POTS.**  
(Prices Net.)

Size.	Doz.	100	1000
2 1/4 inches . . . .	\$0.05	\$0.25	\$2.20
2 1/2 " . . . .	.07	.30	2.40
3 " . . . .	.08	.45	3.90
3 1/2 " . . . .	.10	.60	5.15
4 " . . . .	.15	.80	6.90
5 " . . . .	.20	1.20	10.35
6 " . . . .	.25	1.65	14.55

Not less than one thousand at thousand rate.

**FANCY HANGING POTS.**

We carry a full line of these goods and can furnish them in sizes varying from 6 to 12 inches in diameter, and at prices ranging from 20 to 75 cents each, according to size and pattern.

**BRASS JACK CHAINS.**

For Hanging Pots. No. 118, 3 strand, each, 20 cts. No. 119, 4 strand, each, 20 cts.

**PATENT EXTENSION HANGER.**

For Pots and Bird Cages. Brass, each, 20 cts.

**CEDAR PLANT TUBS.**

For growing Agaves, Century, and other large plants. Made of the best red cedar; painted green; iron handles.

No.	Dia.	Deep	Each	\$5.00
1 . . . .	28	x 22	Deep	Each, \$5.00
2 . . . .	26	x 20	"	4.25
3 . . . .	24	x 18 1/2	"	3.50
4 . . . .	22	x 17	"	3.00
5 . . . .	20	x 16	"	2.50
6 . . . .	18 1/2	x 15	"	2.00
7 . . . .	16 1/2	x 14	"	1.75
8 . . . .	15 1/2	x 13	"	1.50

**OAK PLANT TUBS.**

Natural wood finish. These are strong, light, and thoroughly serviceable.

12 inches diameter, 11 inches high . . . .	\$1.15
14 " " 12 " " . . . .	1.30
16 " " 13 " " . . . .	1.65
18 " " 15 " " . . . .	2.00
20 " " 17 " " . . . .	2.25
24 " " 20 " " . . . .	2.65

**CYPRESS PLANT TUBS.**

Made of Cypress, strongly hooped, iron handles, iron or wooden feet, durable and ornamental.

No. 1 . . . .	Dia. 13	x 11 Deep	Each, \$0.75
2 . . . .	14 1/2	x 13	1.25
3 . . . .	16	x 15	1.75
4 . . . .	20	x 18	2.25
5 . . . .	24	x 21	2.75

See Special Offers on third page of cover.



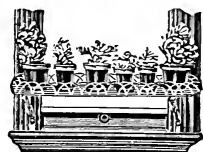
**Special Offer No. 3 only applies to articles on this page.**

**Wire, Folding.** These are similar in appearance to the rigid and of equal capacity. When not in use they can be folded (see cut) and stored away in small space.

No. 20, 2 Trays, \$2.50; 3 Trays, \$3.25; 4 Trays, \$4.00.

**Wood.** Made of ash and varnished, half-circular shape, 3 shelves, 3 ft. 2 in. in height, each \$1.25; 4 shelves, 3 ft. 8 in. in height, each, \$1.75.

**Wire Window Shelf.** With adjustable steel brackets. 36 in. long, with brackets complete, \$1.00; each additional foot, 35 cts.



## RUSTIC WORK.

**Strongly made from Natural Roots and Knots.**

<b>Hanging Baskets.</b>	8 in.	9 in.	10 in.	11 in.	12 in.
Each	\$0.75	\$0.85	\$1.00	\$1.25	\$1.50
<b>Window Boxes.</b>	18 in.	24 in.	30 in.	long.	
Each	\$1.40	\$2.00			\$2.75
<b>Hexagon Stands.</b>	Height 26 and 31 inches.				
Diameter			16 in.	20 in.	24 in.
Each			\$2.50	\$3.50	\$4.50
<b>Oblong Stands.</b>	Height		24 in.	28 in.	31 in.
Length			18 in.	24 in.	28 in.
Each			\$3.00	\$3.50	\$6.00
<b>Arm Chair.</b>	No. 3.	Each			\$6.50
<b>Rustic Settee.</b>	Length of seat		2½ ft.	3½ ft.	4½ ft.
Each			\$5.50	\$7.50	\$10.00

Any special size or design made to order.

## MISCELLANEOUS REQUISITES.

**Baskets, Pansy or Verbena, Marston's Pattern.** Wood or wire handles, standard size, 10 in. long, 5 in. wide, 3 in. deep, per 100, \$2.00; per 1,000, \$18.00. Large size, 12 in. long, 7 in. wide, 3 in. deep, per 100, \$3.00; per 1,000, \$25.00.

**Brushes, Flat Paint.** For applying tree ink, and general use. Thoroughly well made and of good material. 3½ in. wide, 25 cts. each.

**Caps, Hay, Breck's Improved,** brown, medicated, complete with ropes and pins, 50 cts. each; \$45.00 per 100.

**Color, Improved Butter.** Wells, Richardson & Co.'s imparts the "golden tint of June" to butter at all seasons of the year. Bottles sufficient for 500 lbs., 25 cts.; 1,250 lbs., 50 cts.; 3,000 lbs., \$1.00.

**Color, Hanson's Butter.** A universal favorite. Bottles, 25 cts., 50 cts. and \$1.00 each.

**Cotton Batting.** For packing flowers, etc., per sheet, 6 cts.

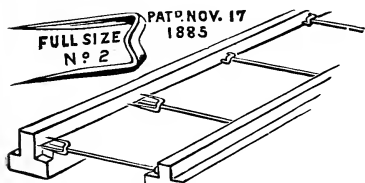
**Food, Breck's Flower.** This preparation is perfectly odorless and clean to handle. It is the most concentrated, safest and effective plant food on the market. Soluble in water, and no trouble whatever to prepare for use. It promotes a healthy vigorous growth of wood, leaf and flower. Put up in two sizes—beautiful lithographed boxes.

No. 1, sufficient for 30 plants for one year, 25 cts.; by mail, 40 cts.

No. 2, sufficient for 30 plants for three months, 15 cts.; by mail, 20 cts.

**Ferti-Flora.** A highly concentrated plant food in liquid form. Very effective and applied without trouble. Per bottle 25 cts.

**Food, Imperial Liquid Plant.** This preparation is said to contain all the food necessary for a healthy growth. It is in a liquid form and will be appreciated by those who grow plants in the house. Per pt., 25 cts.; qt., 40 cts.



**Glazing Points, Van Reyper Perfect.**

The only durable and reliable points. Made of galvanized steel wire; no rights and lefts. Three sizes, Nos. 2, 2½ and 3. The Nos. 2 and 2½ are for general use; the No. 3 for extra heavy work. Price, per box of 1,000, 60 cts. Pincers for driving same, 40 cts.

**Krop Kollar, Faye's Patent.**

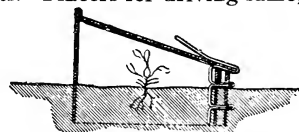
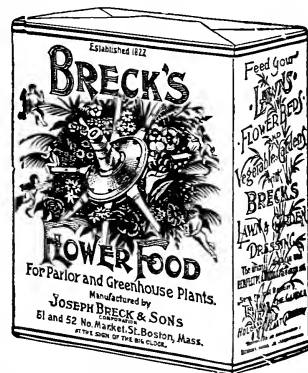
This is one of the simplest, yet most useful

articles that has been offered the gardener and farmer for the protection of early crops from cut worms, cold winds and frosts. It consists of a flexible fibre-board collar that can be quickly adjusted around plants, a glass roof easily fastened on, and a shutter for use in extra cold weather. We believe it will prove of great value for protecting corn, melons and other early or tender plants. Net prices, dozen, 70 cts.; 100, \$5.00.

**Labels.** Zinc and Indelible Ink. When indelible ink is used on zinc labels, a practically indestructible and always readable label is assured.

Nos.	1	2	3	5	6	7	8	13	14	15
Price per 100	\$2.00	1.30	1.70	1.70	1.00	.90	1.30	1.00	.75	1.00
Small Bottle Ink				\$0.20	Larger Bottle Ink					\$0.35

See Special Offers on third page of cover.



Special Offer No. 3 only applies to articles on this page.

**Labels, Wood, for Pots, Garden and Trees.**

Labels, Wood, for Pots, Garden and				Plain. Painted.		Labels, Metal, for Pots, Garden and				Plain. Painted.	
				Per 1,000.						Per 1,000.	
4 in. Pot Labels . . . . .			\$0.10	\$0.50	\$0.60	3½ in. Tree Label (iron wired)			\$0.75	\$1.00	
4½ " " " . . . . .			.10	.55	.70	3½ " " " (copper wired)			1.00	1.25	
5 " " " . . . . .			.10	.60	.85	8 " Garden Label . . . . .			2.50	3.00	
6 " " " . . . . .			.15	.75	1.00	12 " " " " . . . . .			4.00	4.50	
3½ " Tree Label (pierced) . . . . .			.10	.60	.80						

**Mastica.** For glazing greenhouses, new or old. The use of Mastica avoids the necessity of frequent reglazing. It can be used to bed in or on the outside, with a machine, one gallon will cover about 290 running feet (one side.) Gallon cans, \$1.25; half gallons, 65 cts. *Net.*

**Machines** for applying Mastica, \$1.00 each.

**Mats, Archangel.** An excellent light covering for frames, hotbeds, etc., 75 cts. each.

**Mats, Straw,** for hotbeds, etc., 6x6, \$1.50 each. Other sizes to order.

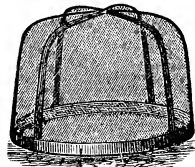
**Paper, White.** For packing flowers, etc., per lb., 10 cts.

**Paper, Waxed,** for packing flowers, etc., per lb., 30 cts.

**Paper, Wrapping.** Strong manilla, per lb., 8 cts.

**Paper, Tarred,** for using with tree ink, in rolls about 50 lbs., per lb., 4 cts.

**Pencils.** Wolf's Indelible Garden. For writing on wood labels, with point protector, each 20 cts.; doz., \$2.00.



**Protectors, Arlington Plant.** Protects from bugs, borers and fowls, also subdues wind, rain and cold, 15 cts., each; doz., \$1.50.

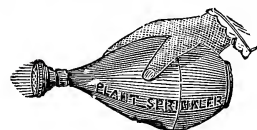
**Protecting Cloth for Hot Beds.** Used as a substitute for glass for protecting plants in early spring, in pieces of 40 yards, 10 cts. per yard.

**Putty Bulbs.** A simple and useful device for applying putty to sashes, \$1.00 each.

**Roffea.** A strong and cheap material for tying plants, etc., per lb. 25 cts.

**Silkalene.** Used for growing smilax and asparagus on, also for tying in bouquet work, per reel 25 cts.; per lb. \$1.25.

**Sprinkler, "Ladies Favorite."** This the most practical sprinkler yet offered to use on house plants, cut flowers or for the laundry. Each, 75 cts.



**Sprinklers, Scollay's Rubber.** An indispensable article for showering plants, sprinkling bouquets, dampening clothes, etc.; three sizes, 50 cts., 75 cts., and \$1.00 each.

**Sashes for Hot Beds.** Extra well made from thoroughly seasoned lumber, frame 1½ in., 3x6 ft., \$2.25; 1¾ in., 3x6 ft., \$2.40 each. Unpainted and unglazed sashes, from \$1.40 to \$1.60 each.

**Sieves, Wire.** For preparing potting soil, sifting loam, gravel, etc., from 16 to 20 inches diameter, \$1.00 to \$1.75 each.

**Stakes, Cane.** These are light, strong and durable. They vary in length from 6 to 10 ft. Florists use them much, and cut them to any desired length. \$1.00 per 100; \$4.00 per 500.

**Stakes, Unpainted Hardwood.** These are smooth, clean, light, strong and durable, much used for staking carnations, chrysanthemums, etc. 2 ft., per 100, 25 cts.; per 1000, \$1.75; 3 ft., per 100, 30 cts.; per 1000, \$2.25; 4 ft., per 100, 45 cts.; per 1000, \$3.25.

**Stakes, Hollyhock.** Green painted, extra heavy, 6 ft., each, 12 cts.; doz., \$1.25; 100, \$10.00.

**Stakes, Galvanized Iron Wire.** Useful for pot plants and for carnations, etc., in benches. 2 ft., per 100, \$1.00, per 1000, \$9.00; 3 ft., per 100, \$1.20, per 1000, \$11.00.

**Soil, Prepared Potting, Rotted Fibrous Peat, Leaf Mould.** 50 cts. per pk., \$1.00 per bu., \$2.00 per bbl. }  
**Sphagnum Moss.** \$1.00 per bu., \$2.00 per bbl. *Not subject to special offers.*

**Support, Excelsior Wire Carnation.** Made in two pieces, no loose rings to annoy, adjustable from 12 to 20 in. in height, per 100, \$3.00; per 1,000, \$25.00.

**Supports, Wire Tomato.** Very durable, per doz., \$1.50.

**Support, "Two Hoop" Wood Tomato.** Strong, light, practical, quickly set in position and can be stored from season to season in a small space. Per doz., \$1.00.

**Support, "Tie Joint" Tomato.** These supports are made of four upright and eight cross pieces of wood that are easily set and retained in position. They are durable, and can be stored away like so many canes when not in use. Per doz., \$1.75.

**Supports, Wood and Wire. Tomato.** Uprights of hard wood. Two wire rings. When not in use they fold compactly for storage. Each, 20 cts.; doz., \$1.75.

**Tape, Electric.** Exceedingly useful for mending Rubber Hose. It is a strong, adhesive ribbon, three-quarters of an inch wide, can be wound tightly around a leaking part and thus stop it. Per coil, 25 and 50 cts.

**Tinfoil.** For bouquets. Per lb., 15 cts.

**Twine.** Soft, for tying cut flowers, vines, etc. Per ball, 25 cts.

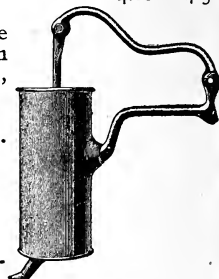
**Twine, Parceling.** All sizes. Per ball, 10 to 25 cts.

**Wax, Grafting. (Trowbridge's.)** The best in the market. This brand should not be confounded with the many cheap makes now offered, that are not possessed of an even consistency, and give unsatisfactory results. Put up in 1 lb., ½ lb., and ¼ lb. pkgs., price 40 cts., 25 cts., and 15 cts., respectively.

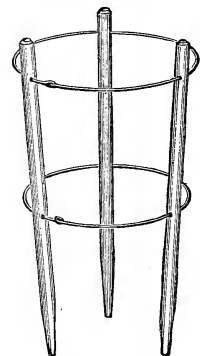
**Wire, Bouquet.** Bright, cut in lengths of 9 and 12 inches, in boxes of 12 lbs. (one stone) each.

Per box, either length, Nos. 20, 21 and 22 . . .	\$1.35	Per box, either length, No. 26 . . .	\$2.00
" " " " 23 and 24 . . .	1.50	" " " " 34 . . .	2.50
" " " " 25 . . .	1.60		

See Special Offers on third page of cover.



Mastica Machine.



## SPRAYING CALENDAR.

This calendar, in a concise way, gives our friends the benefit of the many experiments made by the Agricultural Colleges of the country for a number of years. It is believed they can be followed without danger to the crops and much profit to the grower.

The number of applications given in each case has particular reference to localities in which fungous and insect enemies are most abundant. If the crops are not affected at the time advised, the spraying is unnecessary. Know the enemy and the remedy, and apply them at the proper season, keeping in mind the fact that good judgment and prompt and persistent action is more necessary to success than any definite rules.

The applications to which an asterisk \* is prefixed are of most importance.

PLANT.	First Application.	Second Application.	Third Application.	Fourth Application.
<b>Apple.</b> Scab, codlin moth, bud moth.	When buds are swelling, copper sulphate solution.	*Just before blossoms open, Bordeaux. For bud moth, Arsenites when leaf buds open.	*When blossoms have fallen, Bordeaux and Arsenites.	8-12 days later, Bordeaux and Arsenites.
<b>Cabbage.</b> Worms, aphids.	*When worms or aphids are first seen, Kerosene emulsion.	7-10 days later, if not heading, renew emulsion.	*7-10 days later, if heading, hot water 130° F.	Repeat third in 10-14 days if necessary.
<b>Carnation.</b> Rust and other fungous diseases, red spider.	*When rust is first noticed, Bordeaux. Kerosene emulsion when red spider is first seen.	*For rust repeat first in 10-14 days. For red spider repeat in 3-4 days.	Repeat second, using the Ammoniacal carbonate of copper if plants are in bloom.	Repeat second as before if necessary.
<b>Cherry.</b> Rot, aphids, slug.	As buds are breaking, Bordeaux; when aphids appear, Kerosene emulsion.	When fruit has set, Bordeaux. If slugs appear, dust leaves with air-slaked lime. Hellebore.	10-14 days, if rot appears, Bordeaux.	10-14 days later, Ammoniacal copper carbonate.
<b>Currant.</b> Mildew, worms.	*At first sign of worms, Arsenites.	*10 days later, Hellebore. If leaves mildew, Bordeaux.	If worms persist, Hellebore.	
<b>Gooseberry.</b> Mildew, worms.	*When leaves expand, Bordeaux. For worms, as above.	*10-14 days later, Bordeaux. For worms, as above.	*10-14 days later, Ammoniacal copper carbonate. For worms, as above.	*10-14 days later repeat third.
<b>Grape.</b> Fungous diseases, flea beetle.	In spring when buds swell, copper sulphate solution. *Paris green for flea beetle.	*When leaves are 1-1½ inches in diameter, Bordeaux. Paris Green for larvae of flea beetle.	*When flowers have fallen, Bordeaux. Paris Green as before.	*10-14 days later, Bordeaux.
<b>Nursery Stock.</b> Fungous diseases.	*When first leaves appear, Bordeaux.	*10-14 days, repeat first.	10-14 days, repeat first.	10-14 days, repeat first.
<b>Peach, Nectarine, Apricot.</b> Rot, Mildew.	*Before buds swell, copper sulphate solution.	Before flowers open, Bordeaux.	*When fruit has set, Bordeaux.	*When fruit is nearly grown, ammoniacal copper carbonate.
<b>Pear.</b> Leaf blight, scab, psylla, codlin moth.	As buds are swelling, copper sulphate solution.	*Just before blossoms open, Bordeaux. Kerosene emulsion when leaves open for psylla.	*When blossoms have fallen, Bordeaux and Arsenites. Kerosene emulsion if necessary.	*8-12 days later, repeat third.
<b>Plum.</b> Fungous diseases, curculio.	*During first warm days of early spring, Bordeaux for black knot. When leaves are off in the fall, Kerosene emulsion for plum scale.	*When buds are swelling, Bordeaux for black knot and other fungous diseases. During mid-winter, kerosene emulsion for plum scale.	*When blossoms have fallen, Bordeaux. Begin to jar trees for curculio. Before buds start, Kerosene emulsion for plum scale.	*10-14 days later, Bordeaux. Jar trees for curculio every 2-4 days. For San Jose scale, Kerosene emulsion when young appear spring and summer.
<b>Potato.</b> Scab, blight, beetles.	*Soak seed for scab in corrosive sublimate solution, 2 oz. to 16 gals. of water, for 90 minutes.	*When beetles first appear, Arsenites.	*When vines are two-thirds grown, Bordeaux. Arsenites for beetles if necessary.	10-15 days later, repeat third.
<b>Raspberry, Blackberry, Dewberry.</b> } Anthracnose, rust.	Before buds break, copper sulphate solution. Cut out badly diseased canes.	During summer, if rust appears on leaves, Bordeaux.	Repeat second if necessary.	*Orange or red rust is treated best by destroying entirely the affected plants.
<b>Rose.</b> Mildew, black spot, red spider, aphids.	For mildew. *Keep heating pipes painted with equal parts lime and sulphur mixed with water to form a thin paste.	For black spot. *Spray plants once a week with Ammoniacal copper carbonate, using fine spray.	For red spider. *Spray plants twice a week with kerosene emulsion. Apply to under side of foliage.	For aphids. *Spray affected parts with Kerosene emulsion when necessary.
<b>Strawberry.</b> Rust	*As first fruits are setting, Bordeaux.	As first fruits are ripening, Ammoniacal copper carbonate.	*When last fruits are harvested, Bordeaux.	Repeat third if foliage rusts.
<b>Tomato.</b> Rot blight.	At first appearance of blight or rot, under glass or out of doors, Bordeaux.	Repeat first if diseases are not checked.	Repeat first when necessary.	

For Aphides or Plant Lice use Kerosene Emulsion on all Plants.

See Special Offers on third page of cover.



## INSECTICIDES AND FUNGICIDES.

For Spraying Pumps and Appliances see Hardware Catalogue.

Special Offer No. 3 only applies to articles on this page.

**Arsenate of Lead.** For spraying trees, etc. Does not burn the foliage. 5 lb. pails, per lb., 22 cts.; 10 lb. pails, per lb., 21 cts.; 20 lb. pails, per lb., 19 cts.; 50 lb. kegs, per lb. 18 cts.

**Aphis Punk, Nikoteen.** A special preparation of nicotine for the extermination of green and black fly, thrip, etc., contains no ammonia and does not injure delicate plants. Per box of one dozen rolls (720 grains nicotine) 60 cts.

**Black Death.** A new preparation in powder form, ready to apply, cheap, safe and effective. Three years of unprecedented success wherever introduced all over the United States has proved "BLACK DEATH" to be an absolute annihilator of all insects, bugs or beetles that prey on vegetation. It positively *kills* Potato Bugs, Squash Bugs, Pumpkin Bugs, Water-melon Bugs, Rose Bugs, Currant Worms, Cabbage Worms, etc. It will kill all kinds of creeping things that eat the leaves of vegetables or plants. *Net Prices.*

1-lb. Packages. . . . .	\$0.05	25-lb. Packages . . . . .	\$0.75
3-lb. " . . . . .	.13	50-lb. " . . . . .	1.50
5-lb. " . . . . .	.20	100-lb. Kegs . . . . .	3.00
10-lb. " . . . . .	.35	300-lb. Barrels . . . . .	9.00
15-lb. " . . . . .	.50		

**Breck's Liquid Anti-Ants.** A preparation that destroys or drives away ants from lawns, trees, etc. ½ pt., 30 cts.; pt., 50 cts.

**Breck's Anti-Ant Powder.** A preparation in powder form that contains the same qualities as the preceding, and can be used indoors as effectively as on small plants, flower beds, etc. Per box, 30 and 50 cts.

**Breck's Dalmation Insect Powder.** ("Bubach.") Manufactured especially for us from clean, dried flowers. It is put up in air-tight packages and keeps its strength indefinitely. It is invaluable to the housekeeper for the destruction of flies, fleas, roaches, and other noxious insects. Packed in four sizes, 10, 15, 25 and 40 cts.

**Bordeaux Mixture. Powell's.** Ready for use by simply adding water. Bordeaux Mixture is, we believe, the best fungicide known, and is really a specific for the blight and other diseases attacking potatoes, tomatoes, grapes, apples, pears, etc. 1-lb. box makes 5 gallons spray, 20 cts.; 5-lb. box, makes 25 gallons spray, 75 cts.; 10-lb. box, makes 50 gallons spray, \$1.25; 25-lb. box, makes 125 gallons spray, \$3.00.

**Bordeaux Mixture. French.** In pulp form. One gallon makes 50 gallons spray, per gal., \$1.00; per 5 gals., \$4.50, per 10 gals., \$8.00.

**Bordeaux Mixture. Lenox Brand.** A liquid form. One gallon makes 50 gallons spray, per gal., \$1.00.

**Bug Death.** (The prices quoted on this article are *net*, and not subject to either of our special offers.) A patented, *non-poisonous powder*, entirely different from anything yet offered for the purpose, and as effectual as Paris Green. It is sure death to the potato, squash and cucumber bugs, currant and tomato worms, also other plant and vine eating pests. If used according to directions injury cannot result to the most tender plants, and it has a tendency to assist growth. For potatoes a 12½-lb. package is sufficient for an acre. 1-lb. box, 15 cts.; 3-lb. box, 35 cts.; 5-lb. box, 50 cts.; 12½-lb. box, \$1.00.

**Canker Worm Exterminator. (Morrill's Tree Ink.)** A sure protection to trees from the ravages of grub and canker worms. Directions with each can.

2-lb. Cans . . . . .	\$0.30	20-lb. Cans . . . . .	\$2.00
3-lb. " . . . . .	.45	28-lb. " . . . . .	2.80
5-lb. " . . . . .	.60	125-lb. Kegs, per lb. . . . .	.09
10-lb. " . . . . .	1.10	460-lb. Barrels, " . . . . .	.07

**Caterpillar Lime.** (Ermisch's Raupenleim.) This is a German preparation. Recommended by the Royal Ministry of Agriculture, and also by several U. S. Agricultural Experiment Stations as being superior to any yet offered to prevent the ravages of grubs, cankerworms, etc. It is applied in the same way as Tree Ink, and is more lasting and effective. 5-lb. cans, \$1.00; 10-lb. cans, \$1.75; 25-lb. cans, \$4.00; 50-lb. keg, \$6.75; 100-lb. keg, \$12.75; in barrels of about 250 lbs., per lb., 11 cts.

This article is higher in price than other preparations for the purpose but the long effectiveness of a single application compared with that of others makes it really the cheapest.

**Carbolic Purifying Powder.** For removing unhealthy odors. Small pkg., 25 cts.; 6-lb. pkg., \$1.00.

**Carbolic, Crystallized.** Per lb. bottle, 50 cts. *Net.*

**Carbolic Solution.** Per lb. bottle, 40 cts. *Net.*

**Copperdine. Powell's.** (A Paste.) A combined fungicide and insecticide, used simply by adding water in proportion of one pound of paste to 16 gallons of water. As a fungicide it prevents black rot, downy mildew and anthracnose of the grape, pear leaf blight, apple scab, mildew, pear cracking. As an insecticide it kills codling moths, curculio, pear insects, peach and apple borers, crown borers, leaf rollers. 1-lb. box, makes 16 gallons spray, 25 cts.; 5-lb. box, makes 80 gallons spray, \$1.00; 25-lb. box, makes 400 gallons spray, \$4.50.

**Dip, McDougall's Sheep.** An effective, non-poisonous preparation for killing vermin on sheep, cattle, and domestic animals. Per lb., 50 cts.; qt., 75 cts.; ½ gal., \$1.50; 1 gal. \$2.50.

**Dip, Cooper's Sheep.** A world-famous preparation, in powder form. It is easily carried, quickly prepared and most effective. Large pkg., sufficient to make 100 gallons, \$2.00; small pkg., to make 25 gallons, 50 cts.

See Special Offers on third page of cover.



Pat. March 16 and Nov. 9, 1897.

Pat. in Canada Nov. 2, 1897.

Special Offer No. 3 only applies to articles on this page.

**Disinfecting Powder, Searle's.** A powerful deodorizer, in powder form. Per can, 25 cts.

For other Disinfectants, see **Carbolic, Oil of Tar, Sulpho-Napthol, etc.**

**Eciffo.** A sure cure and prevention of water bugs, cockroaches, etc. Per tin, 50 cts.

**Fir Tree Oil. Soluble.** An invaluable preparation for destroying all insects and parasites that infest fruit trees, plants and animals, whether on the foliage or at the roots of the plants. Per gal., \$4.00; per qt., \$1.25; pt., 75 cts.; ½ pt., 50 cts.

**Fir Tree Oil Soap.** This article contains no poison, yet is quite effective in destroying red spider, mealy bug, aphids, etc. It can also be used in the garden against potato bugs, cabbage worms, currant worms, black fly, etc. ½-lb. tin, 25 cts.; 2-lb. tins, 75 cts.

**Fostite.** A light powder that can be evenly applied with a bellows; destroys mildew, black rot and rust. Per 5-lb. pkg., 50 cts.; 25-lb. box, \$2.00.

**Fungiroid or Dry Bordeaux Mixture.** In the form of a fine powder, applied with bellows or a shaker when the foliage is damp. Said to be as effective as the liquid preparation. 1 lb., 15 cts.; 5 lbs. 75 cts.

**Fungiroid and Paris Green Compound.** An insecticide and fungicide combined. Kills potato bugs and prevents blight, easily applied and desirable for fruit trees, etc. 1-lb. box, 20 cts.; 3-lb. box, 60 cts.

**Grape Dust.** Destroys mildew on grape vines. Can also be used in the garden for mould, mildew, or rust mites. 5-lb. pkg., 35 cts.

**Hellebore. Breck's Pure Powdered.** We furnish a guaranteed pure article, ground from fresh roots. It is easily applied either in liquid or powder form and destroys currant worms, rose slugs, etc. Each package has special directions for its effective use. Packed in three sizes, air-tight packages, 10, 15, and 25 cts each.

**Kill-M-Right.** A soap that is specially prepared to be applied with the "Stott" sprayers. It destroys red spider, mealy bug, aphids, etc. 5-lb. tins, \$1.75; 10-lb. tins, \$3.25; 20-lb. tins, \$6.00.

**Kerosene Emulsion. (A Paste.)** Ready for use by simply adding water. This is strictly an insecticide for plant lice of all kinds, rose bugs, cabbage bugs, melon insects, fowl, human and animal lice, caterpillars, tobacco flies, peach lice, red spider, green fly and all sucking insects. 1-lb. can, makes 10 gallons spray, 15 cts.; 5-lb. can, makes 50 gallons spray, 60 cts.; 25-lb. can, makes 250 gallons spray, \$2.50; 300-lb. bbl., makes 3000 gallons spray, \$24.00.

**Little's Antipest.** A safe and sure preparation for the destruction of all insect pests, equally suitable for greenhouse, garden and orchard. Per pt., 60 cts.; qt., \$1.00; gal., \$2.50.

**London Purple.** For spraying fruit trees, potatoes, etc. 1 lb., 25 cts.

**Lemon Oil.** An oil that is readily soluble in water. It destroys insects and parasites of all kinds without injury to plants. Much used for palms and other ornamental foliage plants. Pt., 50 cts.; qt., 80 cts.; gal., \$2.25.

**Nicotinic Fumigating Compound.** This liquid preparation is used for destroying green and black fly, thrip, mealy bug, red spider, etc. It may be used with every confidence in houses containing the most tender plants in full bloom, without the least damage to either foliage or flowers, and for this reason it is a great boon to growers of all kinds of tender plants, which are subject to the attacks of aphids. The vapor given off by the compound does not alter the natural color or scent of the flowers. 1 pt., for 32,000 cubic feet, \$2.50; ½ pt., for 16,000 cubic feet, \$1.25; ¼ pt., for 8,000 cubic feet, 70 cents.

**Fumigators for Vaporizing.** Stand, pan and lamp, 50 cents each.

# NIKOTEEN

## A LIQUID INSECTICIDE

with water in any proportion. It is a disinfectant perfect in action, agreeable in odor, non-poisonous, cheap and unsurpassed for use in the home, the stable, kennel, or wherever a disinfectant is required. Circulars detailing its many uses mailed free upon application. Qt., 25 cts.; ½ gal., 50 cts.; gal., \$1.00.

**Paris Green and Fungiroid.** Per lb., 20 cts.; 3-lb. box, 60 cts.

**Paris Green, Breck's Guaranteed Pure.** ¼ lb., 10 cts.; ½ lb., 15 cts.; 1 lb. 30 cts.

**Quassaine. (A Paste.)** Ready for use by adding water. This article is a non-poisonous insecticide, a specific for San Jose scale, red spider, aphids, hop lice, borers and scale insects of all kinds. 1-lb. can, makes 25 gallons spray, 25 cts.; 5-lb. can, makes 125 gallons spray, \$1.25.

**Slug Shot.** Not only acts as an insect destroyer, but it will be found to be an excellent fertilizer. It contains nothing injurious to domestic animals, and does not deteriorate by age. On low-growing plants it should be dusted on with a very fine sifter. On tall shrubs and trees it should be applied with bellows. Price, 5-lb. pkg., 30 cts.; 10-lb. pkg., 50 cts.; in barrels of about 225 lbs., per lb., 4½ cts.

**Soap, Pinner's Tobacco.** Manufactured from the essential oil of tobacco, for the destruction of all insects, parasites and their eggs. Per lb., 50 cts.; ½ lb., 30 cts.

**Soap, Whale Oil.** For destroying insects on plants, trees, vines, etc., for washing down the bark of trees, grapevines, etc. In boxes, 1-lb., 15 cts.; 3½-lb., 35 cts.; in buckets of about 14 lbs., \$1.75.

**Soap, Sulpho-Tobacco. Rose's Perfected.** Does perfect work on all insects affecting flowers, trees and animals. In tin boxes, sufficient for 10 gals. of water, 25 cts.

**Soap, Perm-Kerosene.** This soap contains 25% of kerosene oil, and although solid in all ordinary temperatures it is quickly soluble in any desired proportion of water. It combines the properties of a "Resin Wash" and "Kerosene Emulsion." It destroys scale of every kind, aphides or active plant lice, and all sucking insects. 1 lb. makes from 16 to 40 gallons wash or spray, according to the enemies to be overcome. Full directions for its use accompany each package. 1-lb. pkg., 25 cts.; 25-lb. pkg., 15 cts. per lb.; 50-lb. tubs, 13 cts. per lb.

See Special Offers on third page of cover.



Special Offer No. 3 only applies to articles on this page.

**Soap, Permol-Copper.** This preparation contains copper in a form practically soluble in water, until thoroughly dried. In using it for *mildew, rust, smut*, and such fungi a strength of 1-lb. to 30 gals. of water is recommended. Do not dissolve it in iron or zinc utensils. 1-lb. tins, 75 cts.; 10-lb. tins, 65 cts. per lb.

**Spanish Pink.** A safe and effective article for the destruction of cabbage and web-worms, caterpillars, and other chewing insects that affect cabbage, squash, cucumbers, melons, etc. Non-poisonous. 35 cts. per lb.

**Sulphate of Copper.** (Blue Stone). Per lb., 10 cts. *Net.*

**Sulphur, Flowers of.** Used to prevent and cure mildew on plants. 8 cts. per lb.; \$6.00 per 100 lbs. *Net.*

**Tobacco Extract. Black Squall Brand.** Pure, highly concentrated; hydrometer test, after Beaume's scale 40 degrees, temperature 60 degrees Fahrenheit, being of uniform strength, is always effective. It can be applied by vaporizing or spraying. It effectually destroys green fly, red spider, and scale. Per pt., 25 cts.; per qt., 40 cts.; per gal., \$1.00; 5 gals., \$4.00.

**Tobacco Extract. Rose Leaf Brand.** A perfectly pure, aqueous extract, highly concentrated and always uniform in strength of nicotine poison. Destroys green fly, mealy bug, red spider, and scale. Pts., 25 cts.; qts., 45 cts.; 1 gal., \$1.10; 5 gals., \$4.50.

**Tobacco and Sulphur Powder.** Prevents and cures mildew. Kills green and black fly and other insects. 10 cts per lb.; \$6.00 per 100 lbs.

**Tobacco Dust.** Very finely pulverized. A valuable insecticide and fertilizer. 5 cts. per lb.; \$2.50 per 100 lbs. *Net.*

**Tobacco Stems.** For fumigating. If used as a mulch around sweet peas and other plants they prevent the destructive work of the wire and cut worms. \$1.00 per bbl.; \$2.50 per bale.

**XL-All Liquid Insecticide** For syringing, spraying, dipping, or sponging. Destroys all insects, especially effective against mealy bug and red spider. Can be used without injury in graperies, even when the fruit is in an advanced stage of growth. Pt., 65 cts.; qt., \$1.00.

**XL-All Vaporizing Compound.** This is an English preparation, that at the first glance has a high-priced appearance. The safety with which it can be used, its never-failing effectiveness and the ease with which it can be applied as an insecticide, places it at the head of the first rank. It is cheaper, results considered, than any other vaporizing compound, and there is no other like it. Its action is positive on *Mealy Bug, Thrip, and all kinds of Aphis*. Price per bottle No. 1, \$8.25; No. 2, \$4.50; No. 3, \$2.25; No. 4, \$1.15. The smallest bottle is sufficient to fumigate 5,000 cubic feet.

**Fumigators.** With lamp for vaporizing: large, \$1.00; medium, 85 cts.

## TOUGH ON FLIES.

*This is the original preparation for the purpose of preventing insects attacking horses, cattle, and other domestic animals. We have sold it for ten years; each year with largely increased sales. We confidently recommend it, as experience has proved it to be as represented, in every particular. Harmless and effective.*



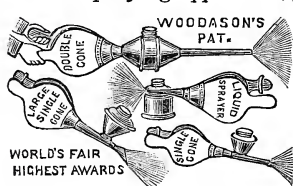
One application instantly and positively relieves horses and cattle from all annoyance from *Green Heads*, the dreaded *Texas Heel Fly* as well as from other flies, gnats and insects of every description for at least twenty-four hours. It improves the coat of the animal and abolishes the use of fly nets. It prevents thrush and other hoof diseases. It is soothing and healing if applied to sores, and stands unrivalled as a disinfectant. Applied to cows, its wonderful effect in securing for them perfect rest and a chance to feed in peace quickly manifests itself in their improved appearance and by the increased quantity of milk given. It is the greatest compound of this progressive age. Recommended by thousands using it. One gallon lasts four head of horses or cattle an entire season. Price of "Tough-on-Flies": Qt. cans, 50 cts.; ½ gal. cans, \$1.00; 1 gal. cans, \$1.50, and five gal. cans, \$1.40 per gal.

## ANTI-FLY.

A harmless, but effective preparation of drugs and chemicals to relieve horses and cattle from the annoyance of flies and other insects. It contains no tar, nor does it spoil the appearance of the animal's coat. Price, per qt., 50 cts.; ½ gal., \$1.00; per gal., \$1.50; 5 gal. cans, per gal., \$1.40.

## INSECTICIDE DISTRIBUTORS.

For spraying apparatus, pumps, etc. See our large Implement Catalogue, 384 pages, free to customers.



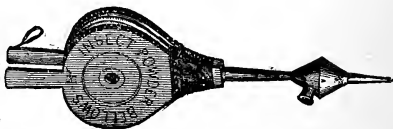
**Bellows, Woodason's, for Liquid and Powder.** These are really high-grade goods that will, with proper care, last many years and do satisfactory work.

Small Single Cone for applying powder, each	\$1.25
Large " " " " " "	2.25
Double Cone " " " " " "	3.25
Sulphur Bellows, each	1.75
Large Liquid Spraying, each	2.25
Medium Liquid Spraying, each	1.75
Small " " " " " "	1.25

**Bellows, Houchin's Insect Powder.** Strongly made of good material. These will be found very serviceable for applying insecticides in powder form.

No.	Each	Each
No. 9, holds 2 oz. powder, \$0.50	No. 16, holds 6 oz. powder, \$1.10	
" 11, " 3 " " .75	" 19, " 8 " " 1.25	
" 14, " 4 " " .90	" 22, " 12 " " 1.50	

See Special Offers on third page of cover.



**Dusters, Tin.** These have finely perforated bottoms for applying Paris Green, Slug Shot, etc. 20 cts. each. *Net.*

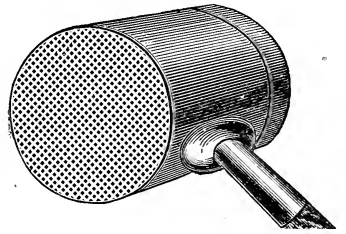
**Gun, Excelsior Powder.** For applying insect powders, etc. 15 cts. each.



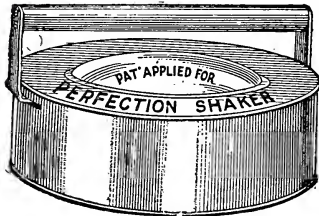
**Cyclone Powder.** 15 cts. each.

**Blizzard Powder.** 10 cts. each.

**Powder Puff, Scollay's Insect.** This is a large, strong rubber bulb, with long metal neck and distributor set at an angle that enables the operator to apply



either powder or liquid over or under the leaves. \$1.00 each.



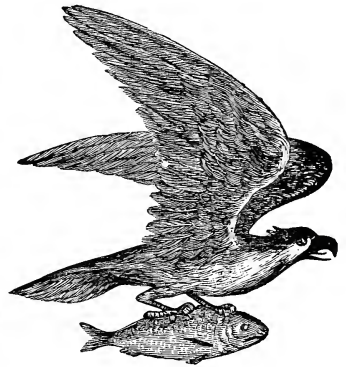
**Shaker Perfection Powder.** This is well named "Perfection," for it is the most perfect and easiest to use of any shaker yet offered. It was gotten up especially to apply Bug Death, but it will be found useful for applying Plaster Dust, Paris Green and Plaster or any other powder. The bottom is made of copper and finely perforated. The powder is distributed by a swinging, semi-circular motion. Each, 65 cts. *Net.*

Special Offer No. 3 only applies on above goods.

## FERTILIZERS.

### BRECK'S LAWN AND GARDEN DRESSING.

The verdict of all who have used Breck's Lawn and Garden Dressing is that it is the most complete and satisfactory Lawn Dressing ever placed upon the market. It is manufactured expressly for us and we vouch for its containing all the constituents required to produce a luxuriant growth. We believe beyond a question that ours is the only absolutely odorless Lawn Dressing. It is also so clean that the most fastidious person can apply it without offending the organs of sight and smell. It being quick in action, the effect can be seen immediately after the first rain or the sprinkling of the hose, and going directly to the roots of the grass, stimulates them to greater activity, thereby thickening the sward and producing a finer growth, which remains rich, green and velvety throughout the season. Its superiority over stable manure can scarcely be estimated, as the latter, in addition to disfiguring the lawn by its unsightly appearance, also gives out an unpleasant odor, and always contains weeds and other undesirable seeds. Great care should be taken to distribute the dressing evenly, and in no greater quantities than recommended on the tag which accompanies each bag, as a too liberal application will injure the sward. It can be applied at any time during the year, from April to November, as often as the grass seems to need nourishment. In making new lawns apply at the same time the seed is sown and rake in with the seed. Never apply the dressing while the grass is wet with dew or rain. Any time the grass is perfectly dry will answer, but the best time to apply it is just before a shower. It is equally as suitable for flower beds and all vegetable crops as for the lawn.



FOR LAWNS.			FOR FLOWER BEDS AND THE KITCHEN GARDEN.		
Trial bag for 1,000 square feet . . .		\$0.50	25-lb. bags for 600 square feet . . .		\$1.00
" " 2,500 " . . .		1.00	50-lb. " 1,200 " . . .		1.75
50-lb. bags for 5,000 sq. ft. . . .		1.75	100-lb. " 2,500 " . . .		3.00
100-lb. " 1/4 acre . . .		3.00	200-lb. " 1/2 acre . . .		5.50

### BRECK'S MARKET GARDEN MANURE.

Not subject to either of our special offers, but a discount of 5% may be deducted when cash accompanies order.

A high grade, properly balanced, chemical fertilizer that is especially recommended to market gardeners and farmers for potatoes and all vegetable crops. We sold large quantities of it last year, and already we have had many testimonials, also increased orders from those who had it for use this Spring. *It is beyond a question the best value offered in Chemical Fertilizers.* 50 lbs., \$1.00; 100 lbs., \$1.70; ton, \$32.00.

### PERUVIAN GUANO.

For a number of years there has been some difficulty in obtaining a desirable grade of this article. When a good quality is to be had there is much satisfaction resulting from its use, especially on early vegetables and quick growing crops. We have made arrangements with the importer of the *best brand* that sells so freely in Britain and offer our patrons the *genuine "Peruvian"* in original bags.

Per ton, \$50.00; per 100 lbs., \$3.00 *net.*

### UNLEACHED HARD WOOD ASHES.

Our trade in this valuable fertilizer has grown to such an extent that we have for a number of years had an experienced agent employed in Canada collecting the purest, driest and choicest grade of Hard Wood Ashes that is obtainable. We guarantee the percentage of potash and to insure against too much water we accept none that contain more than 12 per cent moisture. *We quote special prices on car loads in bulk delivered anywhere.* Price per ton, in barrels, f. o. b. Boston, \$15.00 *net*; per barrel, f. o. b. Boston, \$1.75 *net.*

See Special Offers on third page of cover.



**STOCKBRIDGE MANURES AND BOWKER'S PHOSPHATE.—Cont.**

Stockbridge Seeding Down Manure, 1 acre without stable manure,	600 to 800 lbs.	} <b>Stockbridge Special Manures.</b> \$2.00 per 100-lb. bag. \$38.00 per ton.
Stockbridge Vegetable Manure,	1000 to 2000 lbs.	
Stockbridge Fruit Manure,	1000 to 2000 lbs.	
Stockbridge Root Manure,	600 to 1500 lbs.	
Stockbridge Asparagus Manure,	1200 to 2000 lbs.	
Stockbridge Celery Manure,	1500 to 2000 lbs.	

**Bowker's Hill and Drill Phosphate.** Per 50-lb. bag, \$1.00; 100-lb. bag, \$1.70; per ton, \$34.00.

The prices are NET F. O. B. BOSTON, and not subject to our special offers; but a discount of five per cent may be deducted when cash accompanies order.

**MAPES MANURES.**

These Manures and Superphosphates are fine, dry, in superior mechanical condition for use in machine drills, or for application by hand. They are free from stickiness and dampness. Packed in bags weighing 200 lbs. each.

Each bag is plainly branded, besides having a tag attached, upon which is printed the *Guaranteed Analysis and full directions for use.*

The basis of the Mapes Manures is Bone; no Rock used.

We are the sole Boston Agents, also for some other New England sections. Pamphlets giving full information in regard to the Manures mailed free.

Our special offers do not apply to Mapes Manures, but we allow five per cent discount for cash payments. F. O. B. Boston.

**Potato Manure.** Ammonia, 4.50 to 5 per cent; phosphoric acid, 8 to 10 per cent (soluble and available, 8 per cent); soluble potash, actual, 6 to 8 per cent, all as high grade sulphate and in forms free from muriates (or chlorides); magnesia, lime, etc., 77 to 81 per cent. For Irish and sweet potatoes, also for asparagus, early vegetables, tomatoes, sugar beets, fruits, sorghum, sugar cane, sweet corn, etc. Per bag of 200 lbs., \$4.00; three bags and over, \$39.00 per ton.

**Economical Potato Manure.** Ammonia, 4 to 5 per cent; phosphoric acid, 6 to 8 per cent, (soluble and available, 4 to 5 per cent); soluble potash, actual, 8 to 10 per cent, all as high grade sulphate and in forms free from muriates (or chlorides). Per bag of 200 lbs., \$3.70; three bags and over, \$36.00 per ton.

**Fruit and Vine Manure.** Ammonia, 2 to 3 per cent; phosphoric acid, 7 to 9 per cent, (soluble and available, 5 to 7 per cent); soluble potash, actual, 10 to 12 per cent, all as high grade sulphate and in forms free from muriates (or chlorides). For insuring fruiting power, particularly in quality of fruit in vineyards (grapes), pears, apples, plums, strawberries, and all small fruits. Is slow in effects. Per bag of 200 lbs., \$4.10; three bags and over, \$40.00 per ton.

**Vegetable Manure, or Complete Manure (for light soils.)** Ammonia, 6 to 8 per cent; phosphoric acid, 8 to 10 per cent, (soluble and available, 6 to 8 per cent); soluble potash, actual, 6 to 8 per cent, all as high grade sulphate and in forms free from muriates (or chlorides). This is our special manure on all kinds of soils, for truck, early vegetables, onions, celery, tomatoes, also on light soils for oats, hops and barley. All vegetables require liberal supplies of soluble potash and in the proper form. Even with heavy or clay soils the natural supplies of potash are insufficient. Per bag of 200 lbs., \$4.30; three bags and over, \$42.00 per ton.

**Complete Manure (for heavy soils.)** Ammonia, 6 to 7 per cent; phosphoric acid, 10 to 12 per cent, (soluble and available, 8 to 10 per cent); soluble potash, actual, 3 to 4 per cent, all as high grade sulphate and in forms free from muriates (or chlorides). For any soils where small quantity of potash but large quantities of ammonia and phosphoric acid are required. It is very safe for use around young plants, nursery stock, strawberry vines. It is very forcing. Special for early turnips. May be used for oats, hops, barley, also as a top dressing for grass, and as a forcing manure for all vegetables and fruits at all times. Per bag of 200 lbs., \$4.10; three bags and over, \$40.00 per ton.

**Complete Manure (for general use.)** Ammonia, 4 to 5 per cent; phosphoric acid, 10 to 12 per cent, (soluble and available, 8 to 10 per cent); soluble potash, actual, 4 to 5 per cent. A substitute for stable manure. For use on all crops and all soils with or without stable manure. Use broadcast; if any in hills, use sparingly. Special for oats, Hungarian grass, vegetables, melons, tomatoes, and seeding with or without grain. Per bag of 200 lbs., \$3.90; three bags and over, \$38.00 per ton.

**Complete Manure ("A" brand.)** Ammonia, 3 to 4 per cent; phosphoric acid, 12 to 16 per cent, (soluble and available, 10 to 12 per cent); soluble potash, actual, 2.50 to 3.50 per cent. Specially adapted for use in hill or drill on all crops, particularly in connection with farm manures. Special for peas, beans, buckwheat and turnips. Per bag of 200 lbs., \$3.60; three bags and over, \$35.00 per ton.

**Average Soil Complete Manure.** Ammonia, 5 to 6 per cent; phosphoric acid (soluble and available), 7 to 8 per cent; soluble potash, actual, 5 to 6 per cent, all as high grade sulphate and in forms free from muriates (or chlorides). For onions, tomatoes, vegetables of all kinds, Irish and sweet potatoes, fruits, and cranberries. A substitute for stable manure. Special for tobacco on heavier soils. Per bag of 200 lbs., \$3.70; three bags and over, \$36.00 per ton.

**Corn Manure.** Ammonia, 3 to 3.50 per cent; phosphoric acid, 10 to 12 per cent (soluble and available, 8 to 10 per cent); soluble potash, actual, 6 to 7 per cent. Also for sweet corn, fodder corn, Hungarian grass, millet, late turnips, late cabbage, and seeding to grass. Per bag of 200 lbs., \$3.60; three bags and over, \$35.00 per ton.

**Cauliflower and Cabbage Manure.** Ammonia, 5.50 to 6.50 per cent; phosphoric acid, 6 to 8 per cent; actual potash, 8 to 10 per cent. Per bag of 200 lbs., \$3.90; three bags and over, \$38.00 per ton.

**Grass and Grain Spring Top Dressing.** Ammonia, 5 to 6 per cent; phosphoric acid, 7 to 9 per cent; actual potash, 5 to 7 per cent. Per bag of 200 lbs., \$4.20; three bags and over, \$41.00 per ton.

**Cereal Brand.** Ammonia, 2 to 3 per cent; phosphoric acid, total, 8 to 10 per cent (soluble and available, 6 to 8 per cent); soluble potash, actual, 3 to 3.50 per cent. For wheat, rye, corn, oats, buckwheat, and all farm crops, particularly where farm manures are used. Specially adapted for use in hill or drill. Per bag of 200 lbs., \$3.30; three bags and over, \$31.00 per ton.

See Special Offers on third page of cover.

## BRADLEY'S FERTILIZERS

Are guaranteed to contain more plant food in a better mechanical condition and of higher agricultural value than any other fertilizers in the world, and they are, therefore, as the New England Homestead affirms "the most economical to use."

Do not be misled into purchasing unknown fertilizers of uncertain value, but buy Bradley's Fertilizers which have grown large crops of superior grass, grain, and vegetables, on thousands of farms all over New England for more than thirty years.

Among their leading brands are :

### BRADLEY'S SUPERPHOSPHATE

Bradley's Superphosphate, the pioneer of the fertilizer industry in the United States, has been more extensively used than any other brand of fertilizer in the world.

From its unvarying quality and uniform condition it has gained the name that more plainly bespeaks the estimate in which it is held among the farmers than volumes of praise,— "*the Old Reliable*."

### BRADLEY'S POTATO MANURE

For Growing Smooth, Sound Potatoes of the Best Quality Without Barnyard Manure.

Bradley's Potato Manure is in no sense a theoretical or experimental mixture, but is prepared from formulas which repeated *field tests* have proven will produce the largest crops of smooth, sound potatoes.

The universal testimony of leading farmers is convincing that it gives the best of satisfaction, and at a considerable saving in cost over many of the high-priced special "potato manures" whose alleged scientific combination is their principle claim to the farmers' patronage.

### BRADLEY'S COMPLETE MANURES

For Potatoes and Vegetables. — For Corn and Grain. — For Top-Dressing Grass and Grain, With 10 per cent. Potash.

These manures are the richest and most concentrated fertilizers sold, as has been abundantly proven by actual results in the field. They are manufactured from the very best plant-food materials obtainable, combined in such form and proportions as long practical experience has proven will yield the largest crops of the best quality.

*Send to us for finely Illustrated pamphlets, describing all of their brands, and let us quote you prices on all of these unequalled fertilizers before purchasing elsewhere.*

### PRICES FOR BRADLEY'S STANDARD FERTILIZERS:

Bradley's Superphosphate . . . . .	50 lb. bag, \$1.00	100 lb. bag, \$1.70	ton \$32.00
Bradley's Potato Manure . . . . .	" " 1.00	" " 1.70	" 32.00
Bradley's Complete Manure for Potatoes and Vegetables . . . . .	" " .	" " 1.90	" 37.00
Bradley's Complete Manure for Corn and Grain . . . . .	" " .	" " 1.90	" 37.00
Bradley's Complete Manure for Top Dressing Grass and Grain . . . . .	" " .	" " 1.90	" 37.00
Bradley's Complete Manure with ten per cent. Potash . . . . .	" " .	" " 1.90	" 37.00
Bradley's High Grade Tobacco Manure . . . . .	" " .	" " 2.25	" 45.00
Bradley's Seeding-Down Manure . . . . .	" " .	" " 1.70	" 32.00
Bradley's Bone Fertilizer . . . . .	" " .	" " 1.70	" 32.00
Bradley's Eclipse Phosphate . . . . .	" " .	" " 1.50	" 27.00

These prices are not subject to Special Offers, but we allow a discount of 5 per cent when cash accompanies order.

See Special Offers on third page of cover.



(Prices subject to change.)

**BRECK'S POULTRY AND SWINE MEAL.**

This article is the most complete animal food for poultry obtainable. It is concentrated, pure, palatable and effective. It was first offered to the American public in 1892, but it has since that time found its way into the yards of the most progressive poultry men in the country, because it is superior in every respect to all other meals made from meat or animal matter.

100 lb. bag, \$2.25; 50 lb. bag, \$1.50; trial bag (a month's supply for thirty hens) \$1.00

**Ground Oyster Shells.** 100 lb. bags, 65 cts. per 100 lbs.; in bbls. of 250 lbs., 65 cts. per 100 lbs.

**Mica Crystal Grit.** 50 lb. bag, 65 cts.; 100 lb., 90 cts.

**Cracked Poultry Bone.** Per bbl. of about 200 lbs., \$2.50 per 100 lbs.

**Bone Meal for Poultry and Cattle.** 50 lb. bag, \$1.50; 100 lb. bag, \$2.50; per bbl. of about 200 lbs., \$2.50 per 100 lbs.

**Flour of Bone.** 50 lb. bags, \$1.50; 100 lb. bags, \$2.50; per bbl. of about 200 lbs., \$2.50 per 100 lbs.

**Ground Beef Scraps.** 50 lb. bags, \$1.50; 100 lb. bags, \$2.50.

**Fish Meal.** (Desiccated Fish.) 50 lb. bag, \$1.25; 100 lb. bag, \$2.00.

**Wheat.** \$1.50 to \$2.00 per 100 lbs., according to quality. *Net.*

**Wheat Screenings.** \$1.25 to \$1.50 per 100 lb. bag, according to quality. *Net.*

**Green's Poultry Food.** A mixture of granulated cereals, grand as a scratching food for both chicks and adult fowls. Per 50 lb. bag, \$1.25; 100 lbs., \$2.

**Spratt's Food.** The celebrated English preparation, nothing equals it for young chicks. 50 lb. bag, \$1.00; 100 lbs., \$5.50.

**Barley.** 80 cts. per bu. *Net.*

**Buckwheat.** 90 cts. per bu. *Net.*

**Peas.** Small white Canada, \$1.25 per bu. *Net.*

**Sunflower.** Large Russian, \$2.00 per bu.

**Millet.** Golden, for chickens, \$1.25 per bu. of 50 lbs. *Net.*

**Hemp, Large Russian.** Much fed to pigeons and fowls that are being fattened for the table, \$1.75 per bu. of 40 lbs. *Net.*

**Cut Clover.** Per 50 lb. bag, \$1.25; 100 lbs., \$2. *Net.*

**Clover Meal.** Per 50 lb. bag, \$1.25; 100 lbs., \$2. *Net.*

**Kaffir Corn, or White Sorghum.** A favorite food with pigeon fanciers, and since we have offered it at a low price poultry men have fed it with best results. Per 100 lb. bag, \$1.50. *Net.*

**Breck's Eureka Egg Food.** This preparation stands without a rival, as hundreds of those who have used it testify. It aids digestion, prevents and cures many diseases common to fowls, and although the best food known to produce eggs, it does not destroy the fertility of the egg. Sample box by mail on receipt of 25 cents. 1 lb. box 25 cents each; if by mail 40 cents each; 2½ lb. box, 50 cents each; by mail \$1.00 each; 6 lb. box, \$1.00 each; 10 lb. box, \$1.50 each; 25 lb. kegs, \$3.50 each. These larger sizes can be sent cheaper by express than by mail.

**Sheridan's Condition Powders.** 25 cents and \$1.00. *Net.*

**Rust's Egg Producer.** 1 lb. box, 25 cts. each, if by mail, 44 cents; 2½ lb. box, 50 cts. each, if by mail, \$1.00; 6 lb. box, \$1.00; 10 lb. box, \$1.50; 25 lb. kegs, \$3.50. These larger sizes can be sent cheaper by express than by mail.

**Rust's Haven's Roup Pills.** These pills act directly on the glands and mucous membrane, allaying all tendencies to fever and carrying off all morbid matter from the system. Box of 48 pills, free by mail, 25 cts.

**Rust's Haven's Climax Condition Powder.** Small package, 25 cts.; if by mail, 50 cts.; 2 lb. box, 50 cts., if by mail, 85 cts.; 5 lb. box, equal to 6 25-cent packages, \$1.00. (This size is too heavy for mailing and can be forwarded cheapest by express.)

**F. P. C. Chick Manna.** 1 lb. 10 cts.; 5 lbs. 40 cts.; 15 lbs. \$1.10; 60 lbs. \$4.20. *Net.*

**Madoc Gape Cure.** Small, 20 cts.; large, 35 cts. *Net.*

**Multum in Parvo Poultry Powder.** Small, 20 cts.; large, 35 cts. *Net.*

**Charcoal, Granulated.** Per pound 7 cts.; per 100 lbs. \$5.50. *Net.*

**Charcoal, Powdered.** 6 cts. per lb.; per 100 lbs. \$4.50. *Net.*

**Chalk, Powdered.** 2 cts. per lb. *Net.*

**Copperas.** (Green Stone.) 2 cts. per lb. *Net.*

**Carbolic, Crystallized.** 50 cts. per bottle, bottle included. *Net.*

**Carbolic Acid Solution.** 40 cts. per pint bottle, bottle included. *Net.*

**Carbolic Purifying Powder.** Trial pkg., 25 cts., if by mail, 40 cts., 6 lb. pkg., \$1.00, if by mail \$2.00.

**Dalmation Insect Powder.** Per lb. 40 cts. If by mail, 50 cts.

**Slug Shot.** This article is not only a valuable insecticide but also a powerful disinfectant. Per 5 lb. pkg., 30 cts. *Net.*

**Death to Lice.** 15 oz. box, 25 cts., if by mail 40 cts., 3 lb. pkg., 50 cts., by mail \$1.00. 100 oz. pkg., \$1.00, if by mail, \$2.00.

**Death to Lice, Special.** A preparation containing all the qualities of the famous "Death to Lice Powder," but which is soluble in kerosene oil and can be used to paint or spray roosts and interiors of poultry houses. 1 lb. box, 25 cts., if by mail, 40 cts.

**Death to Lice Ointment.** For use on young chicks. Per box, 10 and 25 cts.



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See Special Offers on third page of cover.

**POULTRY SUPPLIES.—Continued.**

**"O. E. C." Lice Powder.** An excellent article. It not only is death to all insects but acts as a powerful yet pleasant disinfectant. 25 and 50 cts. per box. *Net.*

**P. D. Q. Powder.** A valuable preparation that not only destroys and prevents insects of all kinds on fowls, but drives away quickly all sorts of insects that pester the housewife. It is useful for a hundred and one purposes and not the least among them is that of disinfectant. Per package, 25 and 75 cts. *Net.*

**Rice's Lice Paint.** For poultry and all domestic animals. Kills ticks, mites, lice, fleas and bed-bugs. Easy to apply. 2 qt. can, 50 cts.; 1 gal. can, 75 cts.; 5 gals., \$3.00. *Net.*

**Tobacco Dust.** An exceedingly fine powder. Valuable as an insecticide. Per lb., 5 cts. *Net.*

**Tobacco Stems.** Used to mix with nest material, fumigating, etc. Per lb., 5 cts.; per bale, \$2.50. *Net.*

**Sulpho-Naphthol.** This preparation, originated by the late Dr. Cabot, is recommended for a great many purposes. It cleans and heals all sorts of cuts, bruises and sores. It is sure death to all kinds of bacteria and insects and is unsurpassed as a disinfectant. For domestic animals, poultry and poultry houses it is the thing. 50 ct. bottle makes 10 gals.; \$1.00 can, 50 gals. solution. *Net.*

**Oil of Tar.** A new coal tar preparation, somewhat similar to Sulpho-Naphthol. Per qt., 25 cts.; ½ gal., 50 cts.; 1 gal., \$1.00. *Net.*

**Veterinary X-Zalia.** A purely vegetable preparation, contains no alcohol or poisonous ingredients. It may be applied to a raw surface or even poured into the eye of an animal without causing pain. It cures Galls, Scratches, and Surface Inflammation of every description. Per large bottle, \$1.25.

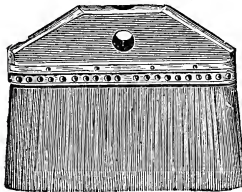
**Plaster.** Land. A valuable absorbent, when mixed with the droppings it deodorizes, also enhances their value as a fertilizer. Per 100 bag, 50 cts.; per ton \$8.00. *Net.*

**Nest Eggs, China.** Per doz., 40 cts. *Net.*

**Medicol Nest Eggs.** These are medicated eggs but entirely different from anything that has hitherto been offered. They can be cleaned without injury, are lasting, effective, and appreciated by chickens and adult fowls. No hen should be set without one of these in the nest as a preventative of vermin. One placed in a bird cage keeps it sweet and the bird free from insects. They drive away lice from pot plants, prevent moths from attacking furs or other clothes when packed away, and are also valuable as a disinfectant. 10 cts. each; \$1.00 per doz.

**Bellows, Spraying.** \$1.25 to \$2.25.

**Bellows, Houchin's Patent Powder.** 50 cts., 75 cts., \$1.10 and \$1.50 each.



**Brushes, Whitewash.** Tampico centre, bristles outside. Each, 7 in., 50 cts.; 8 in., 60 cts.; 9 in., 75 cts.

**Nests, Wire.** Strong and clean. Each 50 cts.

**Leg Bands.** The famous Phoenix, secure, neat, light and superior to all others.

Numbered to order. Per doz. 25 cts.; per 100 \$1.50.

**Leg Bands, Aluminum, for Pigeons.** Seamless, per doz. 40 cts.; per 100, \$2.50. Open, per doz. 30 cts.; per 100 \$1.50.

**Leg Bands, Aluminum, for Poultry.** Per doz., 30 cts.; per 100, \$1.50.



**Pumps, Breck's Hand Force** is a double-acting portable force pump. It is made of brass, and therefore impervious to the action of acids and liquids, and will not rust or corrode. Pump is placed directly in water or other liquid, insuring a perfect suction. It is furnished complete with malleable foot-rest and suitable nozzles for a solid stream and large spray. Pump may be used for washing windows, wagons, in conservatories, gardens, etc., and for general spraying purposes. Price, \$4.50 each.

**Guns, Insect Powder.** 2 oz. size, 15 cts. each.

**STONE DRINKING FOUNTAIN.**

This fountain is of the best patent stoneware, and is very desirable.

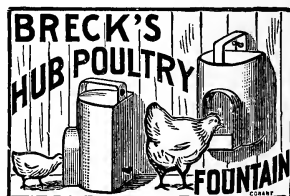
½ gallon each	Net Price, \$0.35
1 " " " "	" " .45
2 " " " "	" " .55

**"E. H. M." Stone Fountains.** Made of glazed stoneware, in two pieces; a saucer and an inverted cup, finished off on top to prevent roosting. Strong, cheap, easily cleaned and quickly filled. The best stoneware fountain yet offered. The one quart size is especially suitable for pigeons. 1 qt., 30 cts.; 2 qt., 35 cts.; 1 gal., 45 cts. *Net.*

**Sanitary Fountain.** Square in form, made of galvanized iron, in two pieces, easily cleaned and filled. 1 gal., 75 cts.; 2 gal., \$1.00. *Net.*

**HUB DRINKING FOUNTAIN.**

This fountain is made of the best galvanized iron, is very strong, easily cleaned, quickly filled, and is equally serviceable for both chickens and adult fowls (see cut). This fountain is vastly superior to all others.



1 gallon	Price, each, \$0.75
2 " " " "	" " 1.25

**Roofing Material.** We carry in stock two and three ply Tarred Roofing, Ruberoid Roofing, Red Rope Roofing Paper, etc., \$1.25 to \$2.25 per square.

**Caponizing Instruments.** We carry a full line of the best makes and approved patterns. Prices, from \$2.50 to \$7.00 per set. Book of instructions furnished with each set.

**Knives, French Poultry Killing.**



When this knife is properly used there is no complaint as to imperfect bleeding of broilers or roasters. By mail 50 cts.



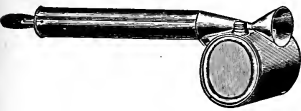
**Sprayer, Cyclone.**  
Tin, 75 cts.;  
brass, \$1.25 each.  
*Net.*

**Rat and Mouse Traps.**

French, all wire, 90 cts. each. Square, all wire, 40 cts. each. Erie, 20 cts. each. Mouse Traps from 5 cts. to 40 cts. each.

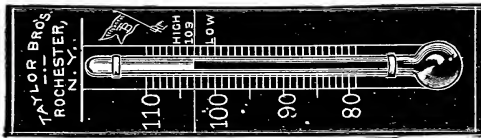
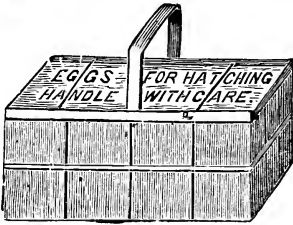


See Special Offers on third page of cover.

**POULTRY SUPPLIES.—Continued.**

**Sprayer, Acme.**  
Tin, 50 cts.; brass,  
\$1.00, each. *Net.*

**Baskets for Shipping Eggs.** These are especially arranged for the safe shipment of eggs for hatching, and are plainly marked, "Eggs for Hatching, Handle with Care." Price, complete with boxes, one setting size, per doz. \$1.50; two setting size, \$2.00. Sample basket complete, 25 cts. *Net.*

**THERMOMETERS.**

**For Brooders.** Tested and warranted, each, 40 cts., by mail 50 cts.

**Prairie State Upright.** Each, 50 cts., by mail 75 cts.

**Household Standard.** 8 in., 65 cts.; 10 in., 75 cts.; 12 in., \$1.00. *Net.*

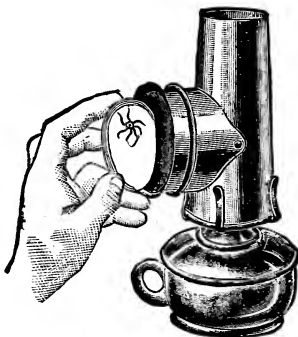
**Household Standard.** *By mail.* 8 in., 75 cts.; 10 in., \$1.00; 12 in., \$1.25.

**Dairy Floating.** Each 25 cts., by mail, 30 cts.

**Sixe's Self Registering.** \$2.50, by mail, \$2.75.

**Cookers, Granite State Feed.** Thoroughly adapted for the purpose. Prices, from \$15.00 to \$27.00.

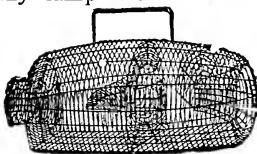
**Cookers, Empire State Feed.** 25 gal. size, \$10.00; 50 gal. size, \$15.00.



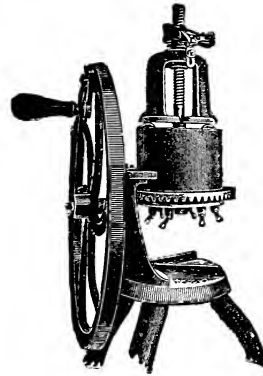
**Egg Tester.** Will fit any lamp with a No. 2 burner, 35 cts. *Net.*

**Rat and Mouse Traps.**

French, all wire, 90 cts. each. Square, all wire, 40 cts. each. Erie, 20 cts. each. Mouse Traps from 5 cts. to 40 cts. each.

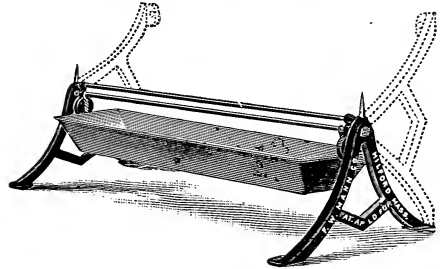


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**MANN'S BONE CUTTER.**

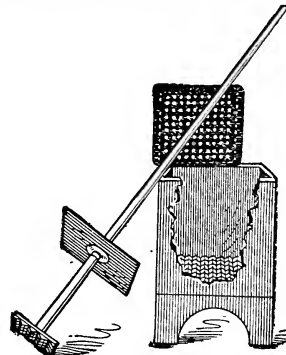
(Not included in our Special Offers.)

No.	C	Mfrs. price,	\$7.50	Our net price,	\$6.00
"	1 B	"	10.00	"	8.00
"	1 B M (see cut)	"	13.00	"	10.40
"	4 B	"	17.50	"	14.00
"	4 B M	"	21.25	"	17.00
"	6	"	20.00	"	16.00
"	2	"	23.00	"	18.40
"	8	"	28.00	"	22.40
"	10	"	32.50	"	26.00
"	14	"	96.00	"	76.80
"	16	"	280.00	"	224.00

**MANN'S FEED TRAYS.**

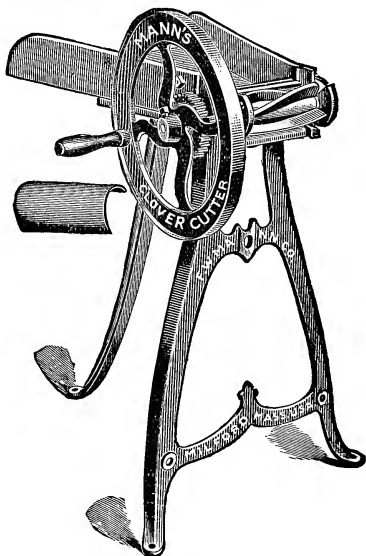
(Not included in our Special Offer.)

18-inch Tray	Our net price,	\$1.00
27 " "	"	1.25
36 " "	"	1.50

**MANN'S CAST IRON MORTAR.**

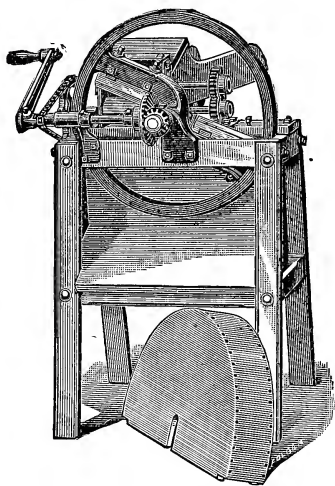
(Not included in our Special Offers.)

Designed expressly for breaking glass, crockery ware, oyster shells, or other dry substances for poultry. Our net price, each, \$3.00.

**POULTRY SUPPLIES.**—Continued.

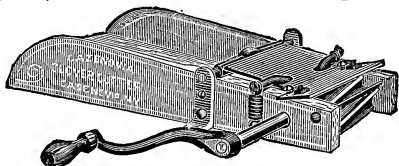
**Cutter, Mann's, Clover.** (Not included in our Special Offers.) Don't buy a clover cutter until you have seen the Mann's. Made either with or without the stand.

Clover Cutter, no stand . Our net price, each, \$8.00  
 " " mounted . " " " 10.00



**Cutter, Clover, The Ross.** The latest and best green clover cutter for the poultryman.

Mfrs. price, each . . \$20.00 Our net price, \$12.00



**Cutter, Clover, Webster.** For small flocks this has no equal. It is well made and is not a toy, but intended for actual service.

Our net price, each . . . . . \$3.00

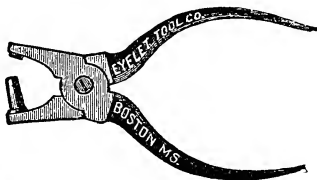
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See Special Offers on third page of cover.

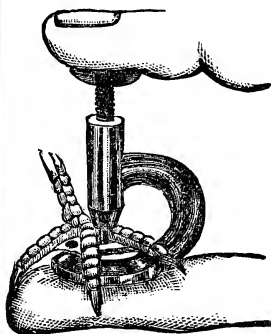


**Cutters, Root, Junior Banner No. 7.** Peculiarly suited to the wants of poultrymen. It cuts roots and vegetables easily and quickly, to the proper size for poultry. Price, \$5.00.

**Punch, Breck's Improved Spring Lever.**



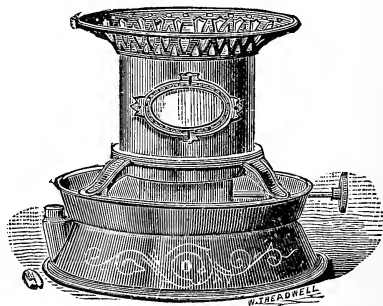
Works on the principle of a conductor's punch, and does perfect work. Its use enables poultrymen to identify their own birds or any particular hatching of them. By mail 50 cents.



**Punch, Pilling's Poultry Marking.**

This little instrument is for marking young and old chickens, and all kinds of fowl. The markings will enable them to recognize their fowl at a glance, either with or without their feathers.

Nickel plated with steel cutter and spring. By mail, 25 cents.



**Stoves, Brooder.** A really superior, effective and safe stove. The oil fount is pressed out of one piece sheet iron and then heavily galvanized, so that leaking is impossible. \$1.25 each.

**Cookers, Granite State Feed.** (Not included in our Special Offers.)

25 gals. . . . .	Our net price, each, \$15.00
30 " . . . . .	" " " 16.50
40 " . . . . .	" " " 19.50
50 " . . . . .	" " " 21.00
100 " . . . . .	" " " 27.00

**Truck, Water Barrel.**

Complete, with Barrel, 1½ in. tires, net . . \$6.75  
 " " 3½ " " " 9.00

Boxes for above, net . . . . . 3.00

## GENUINE PRAIRIE STATE INCUBATORS AND BROODERS.

The least that can be said of these famous incubators is "*they are without equal.*" The U. S. government uses them exclusively at the Experiment Stations at Washington, D. C. The largest poultry breeders in the country also use them exclusively, and they are the standard from which all incubators are judged.

(Our net price list. Not included in our special offers.)

### Incubators.

No. 1 Baby . . . . .	Capacity 50 Eggs, \$6.00
" 2 " . . . . .	" 100 " 10.00
" 1 Style A . . . . .	" 150 " 20.00
" 2 " " . . . . .	" 210 " 26.00
" 3 " " . . . . .	" 300 " 32.00
" 1 " B . . . . .	" 150 " 15.00
" 2 " " . . . . .	" 210 " 22.00
" 3 " " . . . . .	" 300 " 25.00
Special Duck . . . . .	" 200 " 32.00

### Brooders.

No. 1 Style A . . . . .	Capacity 100 Chicks, \$13.50
" 2 " " . . . . .	" 200 " 18.00
" 2 " B . . . . .	" 200 " 19.00
" 3 " " . . . . .	" 300 " 24.00
" 4 " " . . . . .	" 400 " 29.00
" 1 " C Outdoor . . . . .	" 100 " 12.00
" 2 " " " . . . . .	" 150 " 16.00
" 1 " D Indoor . . . . .	" 80 " 7.00
" 2 " " " . . . . .	" 125 " 9.00

### Special Prairie State Incubators.

No. 1 Special, 120 Eggs, \$18.00. No. 2 Special, 240 Eggs, \$29.00. No. 3 Special, 360 Eggs, \$38.00.

We would like every party who writes us for catalogue, who is interested in Incubators and Brooders, and contemplates purchasing the same, to send us an order for at least one machine and one Brooder, as we have placed the price at a very low figure and claim there is no machine in the world that sells for so little money that will give as good satisfaction.

## PRICES OF EGGS AND POULTRY.

Prices quoted are net and subject to change.

	Eggs. Per 13.	Incubator Eggs. Per 100.	Single Birds Males.	Single Birds Females.	Breeding Pens. 1 Male and 4 Females.
Light Brahma.....	\$2.00	\$6.00	\$4.00	\$2.50	\$15.00
Dark " Fancy.....	5.00	....	10.00	5.00	25.00
Dark Brahma.....	3.00	10.00	5.00	3.00	15.00
" " Fancy.....	5.00	....	10.00	5.00	25.00
Black Cochins.....	5.00	....	10.00	5.00	....
Buff ".....	2.50	8.00	5.00	3.00	15.00
Partridge Cochins.....	3.00	15.00	5.00	4.00	20.00
Black Langshans.....	2.50	8.00	5.00	3.50	15.00
White ".....	5.00	....	8.00	6.00	25.00
Barred Plymouth Rocks.....	2.00	6.00	3.00	2.00	10.00
Buff ".....	3.00	10.00	4.00	2.50	15.00
White ".....	2.00	6.00	4.00	2.50	12.00
Silver Wyandotte.....	4.00	10.00	5.00	3.00	15.00
Golden ".....	4.00	....	5.00	3.00	15.00
Buff ".....	3.00	12.00	5.00	4.00	20.00
White ".....	2.00	6.00	3.00	2.00	10.00
S. C. Brown Leghorns.....	2.50	8.00	3.00	2.00	10.00
" White ".....	2.00	8.00	3.00	2.00	10.00
Buff Leghorns.....	3.00	12.00	5.00	4.00	20.00
Black Minorcas.....	2.50	10.00	4.00	2.50	12.00
White ".....	5.00	....	5.00	3.50	....
Black Hamburgs.....	5.00	....	5.00	3.50	....
S. S. ".....	5.00	....	5.00	3.50	25.00
W. F. Black Spanish.....	5.00	....	5.00	3.50	....
Cornish Ind. Games.....	....	Prices	on	application	....
Red Pyle Games.....	3.00	....	5.00	4.00	....
White Ind. Games.....	3.00	....	5.00	3.00	....
Houdans.....	3.00	....	6.00	4.00	....
Buck's County Fowls.....	2.00	6.00	3.00	2.00	12.00
White Guinea Fowl.....	3.00	....	4.00	3.00	15.00
Pearl ".....	3.00	....	4.00	3.00	15.00
Rhode Island Reds.....	2.50	6.00	4.00	2.00	12.00
Imp. Pekin Ducks.....	2.00	8.00	4.00	3.00	....
White Muscovy Ducks.....	2.00	8.00	4.00	3.00	....
	Per Doz.				
Toulouse Geese.....	4.00	....	6.00	6.00	....
Brown China Geese.....	4.00	....	....	....	....
White ".....	4.00	....	....	....	....
Bronze Turkey Eggs.....	5.00	....	6.00	5.00	....

See Special Offers on third page of cover.

**VALUABLE TABLES.****SEED REQUISITE TO PRODUCE A GIVEN NUMBER OF PLANTS AND SOW AN ACRE.**

		Quantity per acre.			Quantity per acre.
Artichoke, 1 oz. to 30 ft. of drill		¾ lb.	Grass, Red Top, fancy, clean seed		20 lbs.
Asparagus, 1 oz. to 200 plants		5 "	Kale, 1 oz. to 1,200 plants		6 oz.
Barley		2½ bu.	Kohl Rabi, 1 oz. to 150 feet of drill		2 lbs
Beans, Dwarf, 1 qt. to 100 feet of drill		1¼ "	Leek, 1 oz. to 100 feet of drill		4 "
Beans, Pole, 1 qt. to 200 hills		½ "	Lettuce, 1 oz. to 250 feet of drill		3 "
Beet, Garden, 1 oz. to 50 feet of drill		6 lbs.	Martynia, 1 oz. to 50 feet of drill		10 "
Beet, Mangel, 1 oz. to 50 feet of drill		8 "	Melon, Musk, 1 oz. to 60 hills		2 "
Broccoli, 1 oz. to 1,500 plants		8 oz.	" Water, 1 oz. to 40 hills		3 "
Broom, Corn		10 lbs.	Nasturtium, 1 oz. to 40 feet of drill		10 "
Brussels Sprouts, 1 oz. to 1,200 plants		8 oz.	Oats		3 bu.
Buckwheat		½ bu.	Okra, 1 oz. to 40 feet of drill		10 lbs.
Cabbage, 1 oz. to 2,500 plants		5 oz.	Onion Seed, 1 oz. to 100 feet of drill	4 to 5 "	
Carrot, 1 oz. to 100 feet of drill		4 lbs.	" " for Sets	30 to 50 "	
Cauliflower, 1 oz. to 2,500 plants		5 oz.	Onion Sets, 1 qt. to 20 feet of drill		8 bu.
Celery, 1 oz. to 3,000 plants		4 "	Parsnip, 1 oz. to 100 feet of drill		5 lbs.
Clover, Alsike and White Dutch		15 lb.	Parsley, 1 oz. to 150 feet of drill		8 "
" Lucerne, large Red, Crimson & Trefoil		15 "	Peas, Garden, 1 qt. to 100 feet of drill		1½ bu.
" Medium		15 "	" Field		2½ "
Collards, 1 oz. to 2,500 plants		6 "	Pepper, 1 oz. to 2,000 plants		4 oz.
Corn, Sweet, 1 qt. to 200 hills		8 qts.	Potatoes		10 bu.
Cress, 1 oz. to 100 feet of drill		8 lbs.	Pumpkin, 1 qt. to 300 hills		4 qts.
Cucumber, 1 oz. to 50 hills		¾ "	Radish, 1 oz. to 100 feet of drill		8 lbs.
Egg Plant, 1 oz. to 1,000 plants		5 oz.	Rye		1½ bu.
Endive, 1 oz. to 150 feet of drill		3 lbs.	Salsify, 1 oz. to 50 feet of drill		10 lbs.
Flax, broadcast		½ bu.	Spinach, 1 oz. to 50 feet of drill		10 "
Garlic, bulbs, 1 lb. to 10 feet of drill			Summer Savory, 1 oz. to 500 feet of drill		2 "
Gourd, 1 oz. to 25 hills		2¼ lbs.	Squash, Summer, 1 oz. to 40 hills		2 "
Grass, Blue, Kentucky		3 bu.	" Winter, 1 oz. to 20 hills		4 "
" Blue, English		2 "	Tomato, 1 oz. to 2,000 plants		3 oz.
" Hungarian and Milet		1 "	Tobacco, 1 oz. to 4,000 plants		2 "
" Mixed Lawn		4 "	Turnip, 1 oz. to 150 feet of drill		2 lbs.
" Orchard, Perennial Rye, Red Top,			Vetches		3 bu.
Fowl Meadow and Wood Meadow		3 "	Wheat		1 to 2 "
" Timothy		½ "			

**NUMBER OF PLANTS OR TREES TO THE ACRE AT GIVEN DISTANCES.**

Dis. apart.	No. plants.	Dis. apart.	No. plants.	Dis. apart.	No. plants.
1/4 foot	174,240	4 feet by 2 feet	5,444	10 feet	435
1 "	43,560	4 " 3 "	3,629	11 "	360
1½ "	19,360	4 " 4 "	2,722	12 "	302
2 feet	10,890	5 " 5 "	1,742	15 "	193
2½ "	6,969	6 " "	1,210	18 "	134
3 feet by 1 foot	14,520	7 " "	889	20 "	108
3 " 2 feet	7,260	8 " "	680	25 "	69
3 " 3 "	4,840	9 " "	573	30 "	64
4 " 1 "	10,888				

**WEIGHT OF VARIOUS ARTICLES.**

	Per bush., 48 lbs.		Per bush., 60 lbs.
Apples		Peas	
" Dried	22 "	Plastering Hair	8 "
Barley	48 "	Rape	50 "
Beans	60 "	Rye	56 "
Buckwheat	48 "	Red Top Seed, Chaff Seed	10 "
Broom Corn	46 "	Red Top Fancy, Clean Seed	40 "
Blue Grass, Kentucky	14 "	Salt, Coarse	50 "
" English	24 "	" Michigan	56 "
Bran	20 "	Sweet Potatoes	56 "
Canary Seed	60 "	Timothy Seed	45 "
Castor Beans	46 "	Turnips	58 "
Clover Seed	60 "	Wheat	60 "
Corn, Shelled	56 "	Beef and Pork, per bbl., net.	200 "
" on Ear	70 "	Flour, per bbl., net	196 "
Corn Meal	50 "	White Fish and Trout, per bbl., net	200 "
Charcoal	22 "	Salt, per bbl.	280 "
Coal, Mineral	80 "	Lime, "	220 "
Cranberries	40 "	Hay, well settled, per cubic foot	4½ "
Dried Peaches	28 "	Corn, on Cob, in bin,	22 "
Flax Seed	56 "	" Shelled.	45 "
Hemp Seed	40 "	Wheat,	48 "
Hungarian Grass Seed	48 "	Oats,	25½ "
Irish Potatoes, Leaping measure	60 "	Potatoes,	60 "
Millet	50 "	Sand, Dry,	95 "
Malt	38 "	Clay, Compact,	135 "
Oats	32 "	Marble,	169 "
Osage Orange	33 "	Seasoned Beech Wood, per cord	5,616 "
Orchard Grass	14 "	" Hickory,	6,960 "
Onions	52 "		

# WE DOUBLE IT

We will take pleasure in duplicating all First Premiums offered in 1901 by any Horticultural or Agricultural Society in the United States, that may be secured with the product of Flower Seeds or Bulbs purchased of us. **WE WILL PAY** the amount on presentation of the Premium List, showing prizes competed for, and certificates of the Society's award, accompanied by particulars of cultivation, and a statement that the seeds from which the prize winners were grown were **BRECK'S SEEDS**.

(THIS OFFER IS COPYRIGHTED.)



Our purpose in making this unique offer is threefold:—

**1st.** We aim to awaken a greater interest in Horticultural and Agricultural Societies, and to increase the competition at their Exhibitions for the premiums offered.

**2d.** We hope that the enhanced

value of these **First Prizes** will result in the production of better specimens exhibited, through the planting of high grade seeds and more intense cultivation; and that by demonstrating possibilities, stimulate a purpose on the part of growers to attain the highest standard of perfection.

**3d.** We believe that the Seeds and Bulbs offered by us are the best strain in the world, and we wish to encourage those who are not acquainted with our goods to ascertain it by experience.

If you are successful in obtaining any **First Prizes** with the product of **Breck's Seeds** or **Bulbs**, in accordance with the offer we make above, send us premium list showing prizes offered, and the society's certificates of such prizes awarded you (which certificates will be returned to you), together with the particulars of cultivation, and we will send you a sum equal to that awarded by the society. This offer does not include designs, baskets of flowers, vases of mixed flowers, etc., but applies only to exhibits of specific varieties to which prizes are awarded for their superior excellence, resulting from cultivation or selection. The *same specimens* must not be entered in more than one class or show, and if awarded specific prizes they cannot also be included in collections. We do not duplicate prizes offered for arrangement of exhibit, or for mixed exhibits.

Persons who intend competing for prizes must secure the necessary seeds or bulbs direct from us.

## ... RESULTS ...

The interest in "We Double It," and the demands now made on us in accordance with the terms of our offer, are so great that it has become impossible for us to give in the space at our disposal anything like an adequate record of the competitors, or the First Prizes they secured with the Product of Breck's Seeds. Almost the entire list of the more important and popular kinds of flowers were grown and successfully exhibited under the keenest conditions of competition by our customers. The list included over forty distinct varieties of Asters, a dozen sorts of Antirrhinum and the leading kinds of Stocks, Pansies, Balsams, Zinnias, Petunias, Verbenas, Nasturtiums, Dahlias, Coxcombs, Phlox, Mignonette, Godetias, Carnations, Cinerarias, Tuberous-rooted Begonias, Gladioli, etc., etc., etc.

*In nearly every instance, when exhibited, First Prizes were awarded to the Product of Breck's Seeds, and in all cases where these awards were made, the amounts so awarded were duplicated by us. Especially satisfactory to us were the awards of the Massachusetts Horticultural Society, the Hampden County Horticultural Society, and the Worcester Horticultural Society on Sweet Peas, season of 1900. The two leading prizes offered by the first named society were secured by Mr. H. B. Watts, Leicester, Mass., for:—*

*Thirty Vases Sweet Peas, named Varieties, arranged with their own foliage, and display of named varieties Sweet Peas, six sprays in each vase. At the Hampden Co. Society's Exhibition in the Thirteen Open Classes, the First Prizes were awarded to flowers grown from Breck's Seeds by H. A. Jones, Worcester, Mass., as follows:—*

**50 Sprays each, of 12 varieties of Sweet Peas.**

**12 Sprays Sweet Peas with longest stems.**

**Best New Sweet Pea of 1900.**

**New varieties of 1899 and later.**

**12 Sprays each, 12 varieties.**

**Variegated Sweet Peas, 50 sprays.**

**Mauve Sweet Peas, 50 sprays.**

**Red Sweet Peas, 50 Sprays.**

**Rose Sweet Peas, 50 Sprays.**

**Light Pink Sweet Peas, 50 sprays.**

**Yellow Sweet Peas, 50 sprays.**

**Cream Sweet Peas, 50 sprays.**

**Display of Sweet Peas.**

**We Double It. — Continued.**

The Worcester Horticultural Society's three principal prizes were won by Mr. Watts.

Surely the above results, which are only an example of hundreds, are positive evidence of the satisfaction following the planting of Breck's Seeds. The following letter is self-explanatory:—

Monticello, N. Y., Sept. 4, 1900.

JOSEPH BRECK & SONS, Boston, Mass.

**SIRS:—**I enclose First Premium Cards as vouchers on seeds bought from you last spring. Your seeds always produce prize-winning flowers. I have a half-acre garden in which are plants raised from seeds offered by different dealers; all are practically under the same conditions and cultivation, and I find the seeds bought of you give finer colors and more perfect flowers. Below is the list of First Prizes won, and I claim a sum equal to the total from you as per your offer in catalogue for 1900.

Abroonia.....	\$0.50	Candytuft.....	\$0.50	Mignonette.....	\$0.50
Rose of Heaven.....	.50	Centaurea.....	.50	Nasturtium.....	.50
Antirrhinum.....	.50	Chrysanthemum.....	.50	Phlox.....	.50
Alyssum.....	.50	Dahlia.....	.50	Scabiosa.....	.50
Alonsoa.....	.50	Delphinium.....	.50	Ten Week Stock.....	.50
Balsam.....	.50	Eschscholtzia.....	.50	Tagetes.....	.50
Browallia.....	.50	Godetia.....	.50	Verbena.....	.50
Calendula.....	.50	Lyptosyne.....	.50	Zinnia.....	.50

Total, \$12.00

**I have to especially recommend your Dahlia Seed; it produces the finest flowers that were ever seen around here, and in competition with professional florists mine received the premium.**

Respectfully, B. M. LINDSLEY.

First prizes cannot be had without careful attention and skill in cultivation; neither can they be produced unless well bred pedigree strains, such as we offer, are planted. The few examples we here quote of what has been done with the product of Breck's Seeds is sufficient to demonstrate that they are *the best* obtainable. We trust those who have heretofore been disappointed in securing satisfactory results will, in 1901,

**GIVE BRECK'S SEEDS A TRIAL.**

## THREE RAMBLER ROSES.

Although only about four years since the Crimson Rambler Rose was first offered the public, it is already as popular and well known as the favorite "Jack," and this solely on account of merit. We have pleasure in now offering *two companion Ramblers* equally worthy of attention, namely Yellow Rambler and Pink Rambler. The last named is here offered for the first time and is a decided acquisition.

**Crimson Rambler.** Already famous. 50 cts. each.

**Yellow Rambler** (*Agalia*). Beautiful light green foliage. The flowers are borne in large pyramidal trusses, similar to *Crimson Rambler*, with from 50 to 150 individual blooms; the color is bright yellow, the flowers are well formed, of good size and have a sweet Tea fragrance. 50 cts.

**Pink Rambler** (*Psyche*). We are particularly glad to offer what we believe to be the *first English raised seedling from the Crimson Rambler*. Peculiarly distinct and beautiful. As has been happily said, *Psyche* is the old-fashioned rose modified to meet the requirements of to-day. Many traits in its habit and growth remind us of the most beautiful old Garden Roses, but the exquisite form of blooms is well suited to please the more fastidious taste of modern rosarians. The foliage closely resembles *Crimson Rambler*. The color of the flowers is *bright rose*. The plant is a vigorous, healthy grower. \$1.00.

The Set of *three Strong Plants* for \$1.80.

**SALVIA SPLENDENS, Silverspot.** The most distinctive features of this new variety is its strikingly handsome, spotted foliage. The leaves are a rich, soft, dark green, with light sulphur or cream colored spots of various size liberally sprinkled over them. The intense, bright scarlet flowers are very large, and the plants of neat, compact habit and as floriferous as the ordinary sort. Pkt., 25 cts.

**"The Dear Little, Sweet Little Shamrock of Ireland."**

**"Trifolium Minus."**

(The true Shamrock.)

We import this seed direct from Ireland and offer it in the original sealed packages. Each package has directions on it for sowing and growing. Price, 40 cts. per pkt.

**"Thrives Only on Starvation."**

## Department of Landscape Gardening and Estate Development.

We have, in connection with our comprehensive business, a Department of Landscape Gardening and engineering, under the charge of a competent party whom we recommend to our patrons.

We undertake to advise as to the laying out of gardens, the general improvement of landed property, and the development of building estates; to provide plans and estimates, and, for a fixed sum, to carry out all the work incidental to the making of a small suburban garden, as well as to the designing and executing of the most extended estate improvement. We make no charge for plans, but they remain our property unless the work is carried out by us. The client, however, is expected to undertake transportation and other charges incident to the examination of the grounds in order to obtain a thorough understanding of their capabilities. To facilitate business, please address,

JOSEPH BRECK & SONS, Corporation,

"Department of Landscape Gardening."

47-54 No. Market St., Boston, Mass.

*For General List of Flower Seeds see Pages 87-121.*

1901

## Novelties in Flower Seeds and Varieties Worthy Especial Attention.

**Antirrhinum, Tom Thumb, Sunlight, Golden-Leaved.** Attaining a width and uniform height of about five inches. The color of the dense foliage is a full canary-yellow. The flowers are carried above the foliage on stalks about seven inches long. Color, rosy white, spotted and striped carmine. Pkt., 15 cents.

**Black Prince.** A grand acquisition to the assortment of dwarf snapdragons. The color of its flowers is a velvety black with an intense purple reflex. A peculiarity that adds another charm to this plant is the golden-yellow anthers; in other Antirrhinums these are hidden within the throat. This is a fit companion to bed with the white Queen of the North. It comes absolutely true from seed. Pkt., 20 cents.

**Majus Grandiflorum.** The plants are of very robust growth. The flowers are nearly double the size of the ordinary kinds, while the colors are very vivid and striking. Splendid mixture, all colors, pkt., 10 cents.

—**Cupreatum.** Carmine red and coppery orange, with yellow lip.

—**Kermesinum.** Fiery crimson.

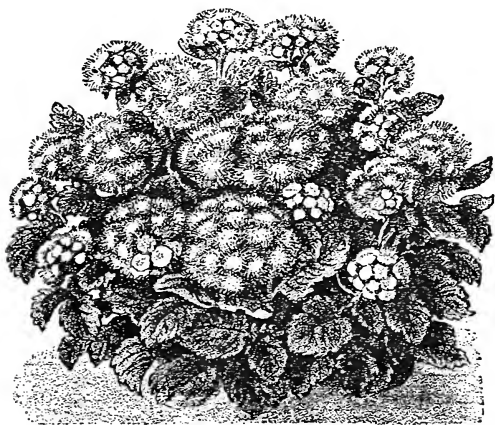
—**Brilliant.** Orange, carmine and yellow, with white throat. Pkt., 15 cents each.



Antirrhinum, Sunlight.

**Ageratum, Princess Victoria Louise.** A new and pretty Tom Thumb form of even growth. The blooms are white with azure-blue stamens, giving the appearance of light blue with white centre. Will prove very useful for bedding. Pkt., 15 cents.

**Aquilegia Chrysantha, Flore Pleno.** A splendid new double flowering variety of one of our most beautiful Columbines. The seed produces robust plants about two and a half feet high, with pretty foliage, and the numerous branching flower stems are crowned with a profusion of double and semi-double golden-yellow flowers. Pkt., 15 cents.



Ageratum, Princess Victoria Louise.

See Special Offers on third page of cover.



Phoenix Aster, Little Maid.

**White changing to Rose, Rose, Crimson, Reddish Lilac**, each 10 cents; mixed 10 cents.

**Salmony Rose**. As early as the *Queen of the Market Aster*, and especially worthy. Pkt., 20 cents.

**Triumph, Carmine**. A splendid addition to this class. At first the flowers are light carmine with a whitish centre, afterwards changing to a deep carmine. Pkt., 20 cents.

**Triumph, Dark Blue**. A deep satiny blue. Pkt., 10 cts.

**Queen of the Market, Deep Scarlet**. This new variety represents an essential improvement upon the "Scarlet," of two years ago. While the later is somewhat dwarfer in growth and its flowers generally speckled with white, this new variety is of vigorous growth and produces very double flowers of a decided deep scarlet color. Pkt., 20 cents.

**King Humbert**. A new giant flowered white Dwarf Comet. Flowers fully five inches in diameter, beautifully curled and twisted, and of the purest white. Pkt., 20 cents.

**Bridesmaid**. Another Dwarf Comet that comes into bloom after the early flowering Dwarf Comet Perfection class, therefore are not competitors but supplementary and lengthen the season of flowering. The Bridesmaid is a rare color among asters—white, changing to a rosy lilac—it is free flowering and comes true from seed. Pkt., 20 cents. Pure white: pkt., 10 cents.

**Dwarf Comet Perfection**. This class is a general favorite for many reasons. Its dwarf habit of growth—about two-thirds of a foot in height—makes it specially valuable for bedding. Its early blooming quality,—it may be had in flower by July,—the large size, fine formation and pure white color of the flowers are features that recommend it. Pkt., 10 cents.

**Phoenix, Little Maid**. A new class, somewhat similar in habit to the Victoria Aster, with large, long stemmed flowers. The color is of a very delicate shade, being white with a slight tinge of pink. Pkt., 15 cts.

**Dwarf Mignon**. Another aster of dwarf habit that will enhance the value of the class. It grows about 10 inches high, branches just above the ground, and produces in profusion the same lovely, semi-globular flowers for which the Tall Mignon Aster is so much prized. For beds, borders, or cutting it cannot fail to prove of immense value. The new colors are **Carmine and Rosy Carmine**. Each, pkt., 10 cents; mixed, 10 cts.

**Japanese Branching**. The plants are of branching habit; the flowers have twisted petals like the Comet Aster or Japanese Chrysanthemum. They bloom somewhat later than the German sorts. Colors, **White, Crimson, Pink, Purple**. Mixed pkt., 10 cts.

**Dwarf Chrysanthemum Perfection**. Two distinct sorts, that are acquisitions to this favorite class. **Pure White, Azure Blue**, each, pkt., 15 cts.

**Midsummer Triumph, Dark Scarlet**. In growth and bloom like the Triumph, and of the same beautiful deep scarlet color, but much earlier, commencing to bloom in June; it is in full florescence by the middle of July, and can be depended on to come absolutely true from seed. Pkt., 25 cts.

## Asters.

The Aster Seeds we offer are in every case the very best of the several classes, all having been grown especially for us by the most skilled and successful cultivators of the different kinds in America, England, France and Germany; many of the strains, which are superior to all others, we control exclusively. Our Aster Seed is popular with leading florists and private growers throughout the Union, and we recommend it in the full assurance that it will satisfy and delight all who plant it.

For complete list of varieties see pages 91-94.

**Christmas Tree**. An entirely new class that on account of its habit of growth and free flowering is sure to be much in demand. The plants are tree-like in form, about 18 inches high, and bear a *mignon-like* flower at the end of each stem. The originator says that frequently a single plant will produce from 70 to 100 well-developed flowers from 1½ to 2 inches in diameter. As the plants attain a breadth as great as their height they should be set at least 18 inches apart in the beds. Five colors, **Pink, White, Light Blue, Carmine**. Each color, pkt., 10 cents; mixed pkt., 10 cents; **Dark Blue**, 20 cents.

**Ostrich Feather (Hohenzollern)**. Compared with the original *Comet Aster*, this new variety is twice the size, and owing to the peculiar formation of the flowers, its very size softens its general appearance and makes it in every respect more desirable. The graceful re-curved petals of the Comet type are retained. The flowers are frequently seven inches in diameter, and surpass many of the Japanese Chrysanthemums in beauty. The plant is of vigorous habit and produces an abundance of flowers on stems almost two feet in length. Offered in five colors.



Midsummer Triumph Aster.

**ASTER. Single Flowered Chinese. Mauve.** The plants form elegant branching bushes about 16 inches high, well furnished with rich dark green foliage, and produce an abundance of large and handsome single flowers, three to four inches across, having a single row of delicate pale mauve florets, with golden central disc. It is a plant of great beauty, bound to become popular for market purposes on account of the fact that it is superior to any single flowered sort yet introduced. Per oz., \$1.25; pkt., 10 cts.

**Single Comet.** The increasing popularity of single flowers makes this a welcome addition. It is perfectly distinct from other single flowered sorts and infinitely more beautiful, the petals being very long, slender and wavy. The plants have all the vigor and floriferousness of the large Comet class. Offered in three colors, *Light Blue, Rose, Pink*. Each, 10 cts.; mixed, 10 cts.

**Arctotis Grandis.** Remarkably handsome new annual from South-West Africa, growing luxuriantly and forming profusely branched bushes of two to two and a half feet in height and breadth. The leaves are soft and whitish, covered with dense short hairs on both surfaces. The flowers, averaging three inches in diameter, are pure white with narrow yellow ring round the centre, offering a pretty contrast to the light blue disc florets and their delicate white stamens, reverse of petals pale lilac. Very easy of culture, and if planted in a sunny location will bloom all summer. Pkt., 20 cts.

**Browallia Speciosa Major.** This very beautiful plant is not yet nearly so well known as its merits entitle it to be. It is a half-hardy annual, of robust but compact growth and produces an immense number of flowers of a very fine, deep blue shade. For borders or for pot cultivation it has few equals. Pkt., 20 cts.



*Browallia Speciosa Major.*

**Begonia Tuberous-rooted Crispa.** This new class of single tuberous-rooted begonias is the most beautiful yet introduced. The flowers are of immense size and quite a variety of forms; some appear like splendid fringed petunias, others like fimbriated primulas. There is a special charm in the wonderful undulating formation of each petal. The range of colors and shades is as great as in the existing varieties. Mixed colors, pkt., 25 cts.

**Begonia Semperflorens, Double Hybrids.** These double and semi-double flowers of the favorite *Vernon* type will be appreciated for both bedding and pot culture as soon as known. Being of robust and compact growth, the plants produce their exquisitely formed double flowers in the greatest profusion. The colors vary from pure white to dark red, contrasting agreeably with the dark green and often bronzy leaves. Pkt., 20 cts.

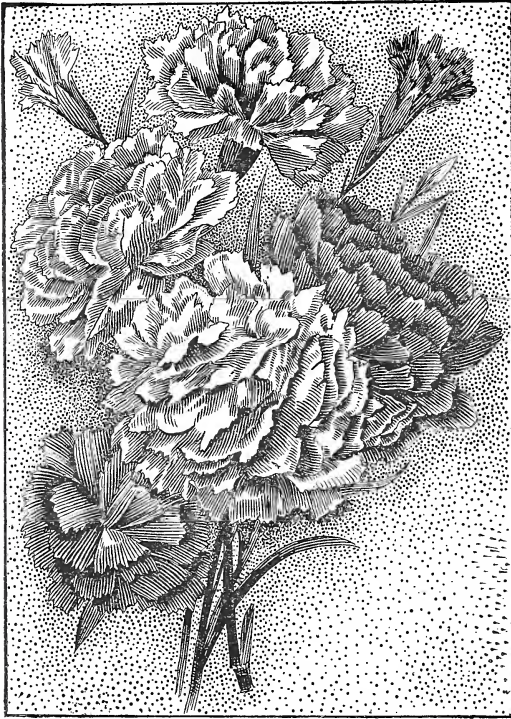
**Carnation, Giant Margaret. "Sulphur-Yellow."** A color hitherto lacking in this favorite, easily grown, early flowering carnation. The color is, as its name implies, a pure, deep sulphur-yellow. The flowers are large, double and well formed. This class blooms from seed in about four months. Pkt., 10 cts.

**Canna, Variegata.** New variegated leaved Canna, reproducing itself true from seed. Leaves, light green, lined and blotched with red and yellow and edged with light red. A novel and beautiful plant for decorative and bedding purposes. Pkt., 15 cts.



*Begonia Tuberosa Crispa.*

**Cosmos, Klondyke.** A cross between the small early flowering and the large late flowering yellow sort. Sown in March and transplanted to the open ground in May it will bloom in June, and continue to produce on good, strong stems a succession of bright golden-yellow blossoms until frost. The flowers average from two and one-half to three and one-half inches in diameter and are equal in substance and finish to the well-known pink and white favorites. Pkt., 10 cts.



Carnation, Nice Giant, Double Mixed.

**Centaurea Depressa, King of Bluebottles.**

A decided improvement on the old large flowered variety. In this new sort the flowers are pure sky-blue, while those of the original species are tinged with red. It is very desirable for cutting purposes. Pkt., 15 cents.

**Centaurea Americana Alba.** Pure white flowered variety of the American cornflower. The flowers are very large—five to six inches across, and look like finely cut tissue paper. Pkt., 10 cents.**Coleus, Large Leaved Dwarf.** Especially adapted for carpet bedding. The plants attain a height of six to eight inches and produce their leaves in great profusion. The seedlings need no cutting back; simply pinch out the small flower stems and you have a perfect carpet of living leaves. The colors are blackish red to red, marbled and spotted. They come perfectly true from seed. Pkt., 10 cents.**Candytuft, "Little Prince."** (*Iberis coronaria princeps*.) Charming dwarf variety of the Candytuft "Empress." It forms candelabra-shaped pyramids, six inches in height, with four to five spiral spikes of large, pure white flowers borne well above the dark green foliage. It will prove of great value for beds or borders. Pkt., 10 cents.**Chrysanthemum, Erfurt Star.** A very pretty summer flowering chrysanthemum with quilled ray-florets, in different shades of yellow, purple, carmine and white. The flowers resemble in form the spokes of a wheel, and will, on account of their good keeping qualities, be much appreciated for cutting. They bloom very freely all summer and until killed by the frost. Pkt., 15 cts.**Frutescens Grandiflorum Luteum.** The popular large, golden-yellow flowered *Marguerite*. Fine for pot cultivation, and specially suitable for cutting. Pkt., 10 cents.

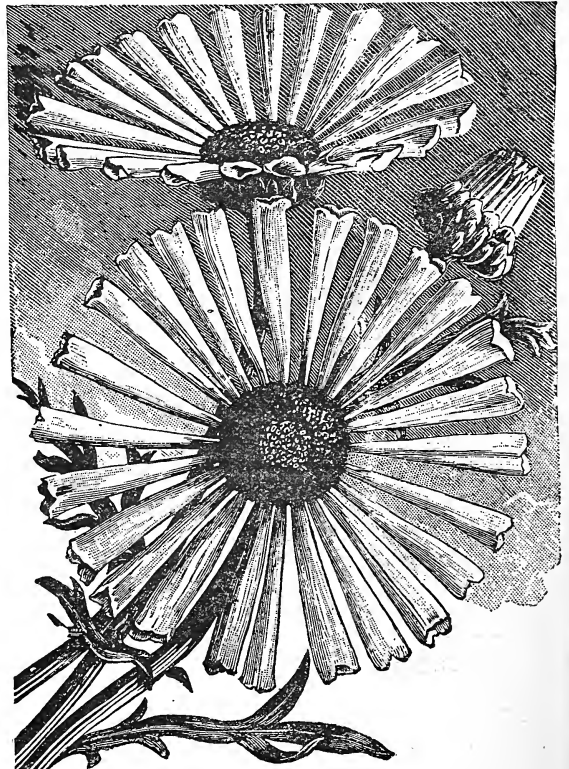
**Carnation, Nice Giant, Double Mixed.** A grand selection of varieties bearing enormous flowers of the richest and most varied tints. Extraordinary results have been obtained as to size and thickness of flowers. This race is above all excellent for the cut flowers, because of its long stalks and its floriferous qualities; another great advantage is that it comes into flowers six months after sowing, thus presenting the characteristics which ensured the success of the Carnation Margarita. It, however, has considerable superiority over this latter, because of the increased beauty and the larger size of its flowers. Pkt., 20 cents.

**Cosmos, New Early Blooming.** While many people will continue to grow the large and exceedingly beautiful flowered sorts, although to do so successfully means a little trouble, yet this strain, because of its early flowering, will find favor with many. The seed we offer was grown in Massachusetts and is the result of patient selection for a number of years. The flowers are fair size and many lovely shades. Pkt., 10 cts.

**Early Blooming, White.** Same strain as the preceding. Pkt., 10 cents.

**Calliopsis, "California Sunbeams."** This is an improved strain, being larger flowered and of earlier blooming habit than the *Lancifolia* hitherto offered. The flowers are borne on long stems, and are all beautifully fringed or toothed. The color varies from light to deep yellow shades. Pkt., 10 cents.

**California Native Flower Seeds.** This collection embraces 15 varieties, each of which would be a treasure in any garden. Some of them are quite rare and difficult to obtain. They include the wonderful *Matilija Poppy*, the superb *California Poppy*, or *Cup of Gold*, the brilliant and graceful *Shooting Star*, and others not inferior in beauty or interest. Collection, 50 cents.



Chrysanthemum, Erfurt Star.

See Special Offers on third page of cover.

**Cineraria Grandiflora Stellata.**

becoming favorites and will soon be popular and generally grown by all lovers of the cyclamen. The colors are white and rose. The flowers have a strikingly distinct crest or feather upon the face of each petal. The formation not only adds to the attractiveness of the flowers but also increases their lasting qualities. *Sold in the sealed packages of the originator.* White, pkt., 75 cents. Rose, pkt., 75 cents.

“**Papilio.**” The flowers of this new type have highly fimbriated and curled petals. The seed we offer is mixed, and represents about five colors, white to dark red. A very beautiful class and a distinct break from previous forms. The foliage is handsomely mottled. Pkt., 35 cents.

“**The Sultan.**” This is without doubt the deepest colored Cyclamen Giganteum yet raised. The flowers are intense crimson, very fine, handsomely marked foliage. The plant is of robust growth and flowers freely. Pkt., 50 cents.

**Dahlia, Double Glory.** This is an entirely new race of double flowered dahlias in a great diversity of forms. The flowers vary in size from one to three inches in diameter, and, as will be seen by the illustration, are daisy, or scabious, like in shape and construction. The colors embraced in this new family are as bright and numerous as those of the older kind. About 80 per cent. of the seedlings will be true. If sown early flowers may be had the first season. Pkt., 15 cents.

**Monarch of Dahlias.** A new variety from California. It is intermediate between the double and cactus varieties. The flowers are large, loose, very esthetic in form and measure six or more inches across; the petals are very broad; color, deep, rich dark red, with a beautiful velvety underbloom. The plants begin blooming early and continue until frost. Pkt., 10 cents.

**Eschscholtzia Californica, Paniculata Rosa.** This is of great merit and deserves the attention of lovers of flowering annuals. It is not only distinct, but by years of careful selection is a fixed form hitherto unknown to Eschscholtzias. The rosy white petals are delicately channelled or fluted with tiny folds radiating from the centre and richly adorned with a soft primrose hue, enhancing its beauty wonderfully. Pkt., 10 cents.

**Gaillardia Grandiflora, Yellow Variegated Leaved.** The originator says: “The popular hardy Gaillardia grandiflora, which is equally valuable as a cut flower or as a long and free-blooming border plant, has produced in my grounds a remarkable sport. The difference consists in the golden-yellow marbling and blotching of the foliage, which characteristic is displayed as soon as the leaves unfold, and extends mostly even to the buds, thus producing a most pleasing contrast with the magnificent flowers. It will be a welcome addition to the small group of variegated-leaved perennials.” Pkt., 15 cents.

**Gloxinia, Brilliant.** Gloxinia Brilliant is quite a unique form. Belonging to the Crassifolia class, it has the characteristic of this group that the thick leaves tend to curve downwards, but the latter are in this case so short that they form instead a kind of rosette round the flower stalks, which grow erect and close together, and are produced in quite an unusual number, often 15 to 18 on one plant. The flowers, gracefully poised in a rather horizontal position, measure about two inches in diameter, and are of a brilliant carmine scarlet, shading off to a somewhat lighter hue towards the margin. This is a new and most striking color in Gloxinias, and is made particularly effective by the great profusion of the bloom. The fault usually found with Gloxinias, that they are so difficult to transport safely, is in this fine novelty quite obviated, and as it also blooms a long while in apartments we have no doubt it will prove a very valuable market plant. Gloxinia Brilliant comes true from seed. Pkt., 25 cents.

**Centaurea, Imperialis.** New large flowering hybrids of the sweet scented Centaureas, the result of crossing *C. Margaret* with *C. Moschata*. They inherit the vigorous growth of the latter, and form large, branching bushes three to four feet in height, covered with long-stemmed, noble flowers of the exact form and of the same fragrance as those of the popular *C. Margaret* but of almost double the size. Unfavorable or wet weather does not affect these flowers as it does the other Centaureas. The plants bloom profusely from July until frost. The following varieties come almost entirely true from seed: *Alba*, white, pkt., 10 cents; *Armida*, delicate lilac, pkt., 10 cents; *Favorita*, brilliant rose, pkt., 10 cents; *Purpurea*, purple rose, pkt., 10 cents; *Splendens*, dark purple, pkt., 10 cents; mixed colors, pkt., 10 cents.

**Cineraria Stellata, or Star Cineraria.** A greenhouse annual, very free flowering, with immense heads of star-shaped blossoms in most varied colors. Height from two to four feet. Pkt., 25 cents.

—“**Tom Thumb Blue.**” This is a very dwarf strain of cineraria, the plants scarcely growing more than a foot high, and producing its flowers in great profusion in two shades — light and dark blue. It lasts in flower a very long time — quite three months. Pkt., 50 cents.

**Cyclamen, Bush Hill Pioneer.** Already these wonderful departures in form from the well known type are

**Dahlia, Double Glory.**



**Myosotis, Alpestris Stricta Alba.** This will be prized as a companion to the two colors—rose and blue—of the same habit that have preceded it. The plant is of pillar-like form, the flower stems erect and covered with pure white flowers, making it suitable alike for bedding or pot culture. Pkt., 15 cents.

**Nasturtiums.** We call especial attention to our strains of Tall and Dwarf. *They are really beautiful, scarce named varieties.* We have them grown for us by the most successful cultivator of this popular flower in the world. We assort the varieties ourselves, and can thus assure customers of their obtaining, not only the most vigorous strain in existence, but the greatest number of shades and delicate colors. The mixture includes white, pink, rose, scarlet, crimson, brick, claret, garnet, orange, primrose, yellow, etc. Tall Mixed, pkt., 5 cents; oz., 15 cents. Dwarf Mixed, pkt., 5 cents; oz., 20 cents. *Tropæolum Lobbianum* Mixed, pkt., 10 cents; oz., 40 cents. For complete list of varieties, see pages 111, 116.

**Lobb's Yellow.** A new variety of *Tropæolum Lobbianum* with pure golden-yellow flowers without any spots. Pkt., 10 cents.

**"Sunlight."** Beautiful light green foliage lit up by myriads of rich golden-yellow flowers that measure nearly three inches across. The large rounded petals are daintily crinkled, which gives a very pretty effect. The two upper petals have a few delicate brown lines at their base, and the three lower ones are more distinctly bearded or fringed at the throat than is usual. Pkt., 10 cents; oz., 25 cents.

**"Moonlight."** This new nasturtium is the counterpart of *Sunlight*, except in color, which is an exquisite pale straw color. It is as beautifully shaped as its brilliant companion and has the same lovely crinkled effect in the petals. Pkt., 10 cents; oz., 25 cents.

**Nicotiana Colossea Flavovivens.** A duplicate of the well-known *N. Colossea*, so much used in ornamental foliage groups, except that the leaves of this new variety are of a yellowish-green color and form a decided contrast when grown with the older sort. Pkt., 25 cents.

**Poppy, May Campbell.** This is a distinct variety, being a very dwarf form of the well-known *Poppy Snowdrift*. The plant is of a very strong, robust habit, and is only about 15 to 18 inches in height. It will be found invaluable for beds and masses. The lovely double flowers, which are of a snowy whiteness, are borne in great profusion and the petals being delicately cut, add beauty and grace to the bloom, rendering it invaluable as a cut flower if gathered before the bud has fully expanded. Pkt., 15 cents.

**Poppy, Fringed Alpine.** These are most charming plants which have delighted all those who have seen them this past summer. Each rosette of pretty gray-green leaves throws up numerous slender flower stalks bearing lovely flowers of white, salmon, rose or orange, all with yellow stamens, the petals of which, unlike the parent sorts, are most delicately laciniated, fringed and fluted, which gives to the blooms quite a peculiar charm. Pkt., 15 cents.

**Matricaria Eximia, Double.** "Snowball." This, like the "Golden Ball," forms a densely compact bush, one foot high, profusely covered with flowers. The flowers, however, are of the purest white. Pkt., 10 cents.

**Mignonette, Goliath.** A new bright red mignonette of very vigorous growth and branching habit. The flower trusses are of immense size—seven inches long and two inches through at the base. The color is a magnificent pure bright red, superior to anything yet offered. The great substance of the flower stalks makes it of special use for cutting. Pkt., 15 cents.

**Montbretia Crocosmiaeflora Germania.** This splendid new giant *Montbretia* is a decided acquisition. It grows fully three feet high, is of sturdy habit, much branched, and produces most graceful spikes in the greatest profusion. They are well furnished with large, six inch petalled, widely expanded flowers, measuring over three inches across. The color is a rich glowing scarlet, shading to brilliant orange, with a blood-red throat. The buds and also the reverse of the petals are blood red, a most striking combination of colors. Invaluable as a summer cut flower. Bulbs, each, 25 cents; doz., \$2.50.

**Mignonette, "Bismarck."** This is a splendid strain selected from the desirable "Machet" type. It produces extraordinarily large flower spikes of a reddish color. Pkt., 10 cents.

**Compacta Argentea.** Recommended as being much superior to anything hitherto offered as a white mignonette. It is of bushy, compact growth and produces about 60 or 70 per cent of fine, large, silvery white flower spikes. Pkt., 10 cents.



May Campbell Poppy.

**Miss Sherwood.** Poppy Plants  $2\frac{1}{2}$  feet high, with noble foliage, bear in profusion large single flowers of a shining satiny white, the upper half at the corolla being a silky chamois rose. This beautiful poppy will be found one of the finest of single-blooming varieties, more especially as a cut flower, and quickly meet with the appreciation it deserves. Pkt., 15 cents.

**Nudicaule, Striped.** Perhaps not more than half of the plants raised from seed offered under this name will prove true to color, but the variety is so very attractive when obtained that we feel warranted in listing it. It is a new striped variety of the favorite Iceland Poppy. It is of free flowering, dwarf habit. About 50 per cent. of the flowers produced have broad golden-yellow stripes on a distinctly bright orange-red ground. Pkt., 15 cents.

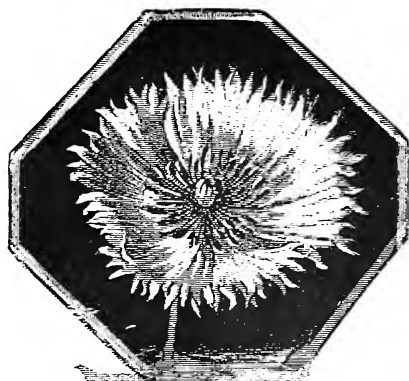
**Maid of the Mist.** A magnificent white, single pæony-flowered poppy. The flowers frequently measure from 7 to 10 inches across; the petals are very large, overlapping, daintily incurved, deeply and regularly fringed. The blossoms are borne on long stems, and instead of looking up, as do most of the poppies, turn their faces outward. Pkt., 10 cents.

**Dwarf Shirley.** Charming dwarf varieties of the universally esteemed Shirley Poppy, which is admittedly one of our best annuals. The seedlings grow into bushy little plants about 18 inches high only, with bright green lancing-ated foliage and all ablaze with innumerable fine flowers of rose, chamois, scarlet and salmon, some having a distinct light bordering to the petals, all with yellow stamens and all thrown well up above the foliage. In this dwarf form the Shirley Poppy will be used not only for groups but also for borders and for pot culture. Pkt., 15 cents.

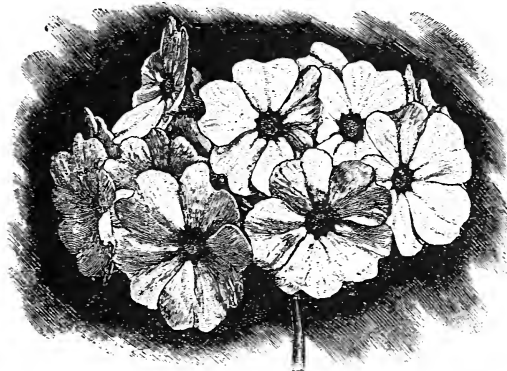
**Primula Sinensis, "Countess."** A splendid new sort with very large, beautifully fringed flowers of a delicate blush-pink color; the blossoms are of great substance and borne in magnificent trusses. The fact that this variety was originated and offered by William Bull, F. L. S., London, is a guarantee of its value. Pkt., 50 cents.

**Primula Obconica Kermesina.** The long desired red color. The plants have the strong growth, the finely built round trusses and the well-shaped medium sized flower of the favorite *P. obconica rosea*. The color is, however, a bright, rich crimson. Pkt., 15 cents.

**Grandiflora, Rosy Chamois.** A new and charming color, quite distinct from all others. The trusses are borne on strong stalks, and are very suitable for cutting. Pkt., 35 cents.



Poppy, Fringed Alpine.



Primula Obconica Kermesina.

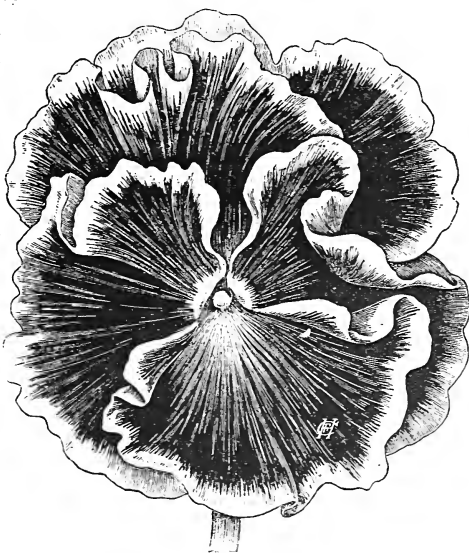
**Pansy, Masterpiece (New Giant Curled).** A remarkable new type amongst all the existing pansies, highly welcomed by all lovers of this class of plants. The chief difference from other pansies consists in a very original form of the flowers, the border of every petal being conspicuously undulated and curled. This peculiarity is to be found in nearly every flower, the size of which is extremely large. These extraordinarily free flowering plants are admirably adapted for bedding purposes.

**SWEET PEAS. CUPIDS. — Apple Blossom.** The flowers are of grand large size, beautifully hooded, and borne four on a stem. The stand is very large and broad, slightly pointed with edges well rolled, deeply suffused and veined with deep rose on a silvery ground. The wings, which are quite broad, are heavily shaded in the centre with soft rose, which becomes lighter in the edges. Pkt., 20 cents.

**Captain of the Blues.** The flowers are borne in clusters of three on the top of a very stiff stem, are larger and finer than those of the tall Captain of the Blues. In color the standard is of a reddish-purple tint heavily suffused with violet in the centre portion; the wings are a rich violet-purple, approaching deep blue, and slightly tinged with a rose-pink at the outer edge. Pkt., 20 cents.

**Royalty.** Resembles the tall *Royal Rose*, but the flowers are larger and of a somewhat deeper shade. They are most desirable for boutonnières and for designs of cut flowers, as this shade of pink is highly esteemed. Pkt. 20 cents.

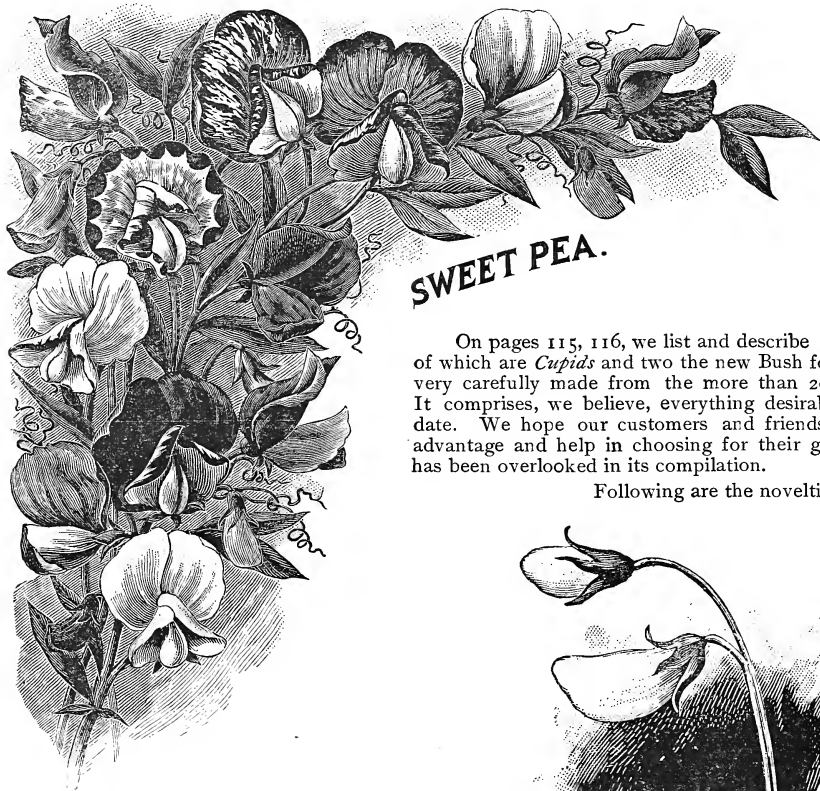
**Stella Morse.** This grand new Cupid is identical in coloring with the tall Stella Morse introduced in 1898, and which is yet the most distinctly colored of all the so-called "Yellow" sweet peas. The ground color is a rich creamy buff, tinted with apricot in the centre of the standard; the inner portion of the wings is delicately shaded with soft rosy-carmine. Pkt., 20 cents.



Pansy, Masterpiece.

**SWEET PEAS.—*Lathyrus Odoratus*.**

(See pages 115, 116, for complete list.)



*Here are Sweet Peas on tip-  
toe for a flight  
With wings of gentle flush,  
o'er delicate white,  
And taper fingers catching  
at all things,  
To bind them all about with  
tiny rings.*

— Keats.

On pages 115, 116, we list and describe 79 varieties of Sweet Peas, 12 of which are *Cupids* and two the new Bush form. This selection has been very carefully made from the more than 200 sorts generally catalogued. It comprises, we believe, everything desirable and distinct introduced to date. We hope our customers and friends will find its conciseness an advantage and help in choosing for their gardens; nothing really worthy has been overlooked in its compilation.

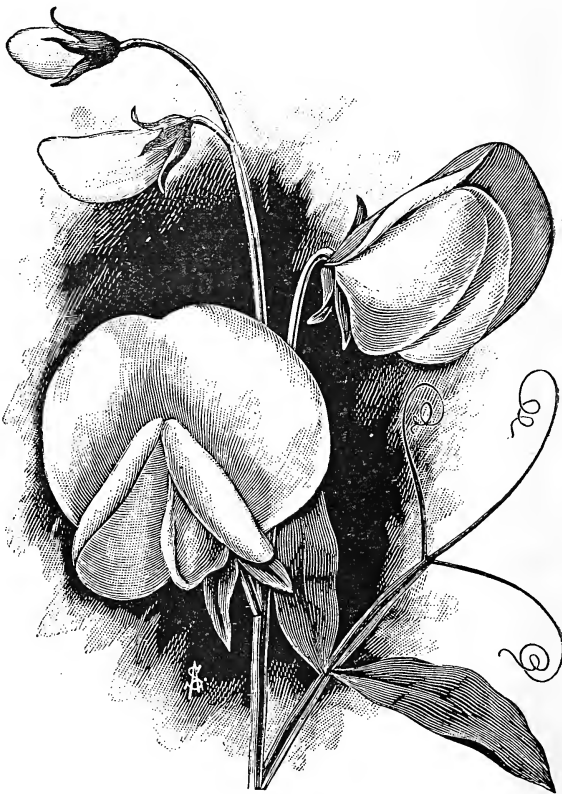
Following are the novelties of 1901.

**Mont Blanc, Earliest White.** This new variety from Germany comes into bloom about two weeks earlier than Emily Henderson, therefore is an acquisition that will be thoroughly appreciated. Mont Blanc has not the rank and often sprawling habit of the other varieties, but is of a much neater, more graceful, almost pyramidal growth, the plant hardly attaining the height of the average sweet pea. The leaves, too, are unusually narrow, and of a pleasing light gray-green color. The individual flower is very large and of the purest white. In shape it most nearly resembles Emily Henderson, but the standard is somewhat wider, and being uncommonly erect and well expanded shows off its glistening whiteness to the greatest advantage. Another striking feature is that the masses of snow-white flowers are borne well clear of the foliage, so that scarcely a single flower is hidden. Sown under glass on February 20th, Mont Blanc produced its first flowers on May 1st, and was in full bloom on May 10th. For forcing purposes, therefore, for which sweet peas are highly recommendable and have already been used with good success, it is evident Mont Blanc will be pre-eminently suited. Pkt., 20 cents.

**Bush Sweet Peas.** A new and distinct race. They grow to a height of about 18 inches, but require no trellis or other support. The flowers are borne on the top of the plant, and the proper way to treat this new type will be to plant the seed in a row to make a neat, even hedge.

**Gray Friar.** In form and coloring this is a perfect reproduction of well-known ordinary sweet pea of the same name; a beautiful watered purple on white ground. Oz., 15 cents; pkt., 5 cents.

**Monarch.** The flowers are usually borne three on a stem. The color is a deep bronzy maroon, which contrasts beautifully with the light green foliage. Oz., 40 cents; pkt., 10 cents. See also preceding page.

**Mont Blanc.**

See Special Offers on third page of cover.



It is somewhat difficult to convey detailed particulars as to how success may be had in the planting and maturing of flowers. The skilled gardener who has every appliance necessary, often fails in his efforts; while the little girl who has no knowledge of the art, but loves flowers, will frequently surprise not only herself but the older folks, *who are not so much interested*, with the results obtained by her labor and love. "The Norwegians have a pretty and significant word, 'Opelske,' which they use in speaking of the care of flowers. It means literally 'loving up,' or cherishing them into health and vigor."

The following practical information, in connection with the special cultural notes, that, when necessary, are set in the right-hand column against the variety, will be of service in making for success.

**Hardy Annuals** (hA.).—This class requires no artificial aid, but grow and flower freely in the open air, mature their seeds and die in the same year. Before sowing the seeds in the open border, the soil should be thoroughly enriched with fertilizer, or stable manure, dug and raked until firm, level and smooth. If possible, the location should be free from shade, although some sorts do well where they do not have the sun for more than half the day.

Seed should be sown in spring as soon as the ground is dry enough to work freely. After the seed is sown shake over it fine soil sufficient to cover, lighter or heavier, according to its size; a good rule is, say, to cover, to twice the depth of the diameter of the seed. Very fine seed, such as *Portulacas*, require no covering at all, but should be merely pressed into the soil with a piece of board, or the palm of the hand. A second sowing ought always to be made in from two to four weeks after the first, in order to provide for a succession, as well as to insure against failure.

When it is desired to sow hardy Annuals and carry them along indoors until they can be planted out for early effect, there is nothing better than shallow boxes, two or three inches deep, filled with sandy loam. Take especial care until the plants are up and during their early stages of growth to give plenty of air and moisture, and yet *not too much water* or they will "damp off." When they are well out of the seed leaf they should be planted in rows in other shallow boxes; or in two-inch pots, setting from three to six plants around the edges. If they begin to crowd one another before the weather is suitable for setting out a second transplanting, more thinly or into larger pots, may be necessary. When first set out in the garden, or during very dry weather, until well established, they should be watered frequently. Keep down all weeds, and loosen the ground occasionally so that the plants may receive the full benefit of rains and dews, which will not be the case if the ground is allowed to become hard or crusted.

**Half-Hardy Annuals** (hhA.).—These, in the latitude of Boston, should not be sown out-doors until about the middle of May. A good rule, followed by a successful gardener, is to sow these, and even some of the tender Annuals, at the same time he makes his sowings of cucumbers and melons. With half-hardy Annuals, however, it is generally best to sow them under the same conditions as advised for hardy Annuals in-doors.

**Tender Annuals** (tA.).—To get strong plants and an early bloom, sow the seed in shallow boxes or pots in March, and place them in a warm greenhouse, or plunge in a moderate hot bed, shade from the strong sun and water only with a very fine rose. A very light, sandy soil and good drainage are essentials. Be particular that the finer seeds are not covered over deep, but have the soil pressed closely about them. Water frequently, especially if the greenhouse or hot bed is very warm. When the plants are out of the seed leaf, transplant into shallow boxes or small pots. When sufficiently strong and the weather is suitable, set out in the flower beds, but not before the end of May.

**Hardy Biennials** (hB.) and **Perennials** (hP.).—These require the same conditions as hardy Annuals. Those marked with a dagger (†) if sown early, in boxes, as directed for hardy and half-hardy Annuals, will bloom the first year. All, however, may be sown in the open border in August or September; in which case it is a good plan at the commencement of frost to give them a light covering of straw, leaves or

See Special Offers on third page of cover.

dry litter. When the frost is out of the ground in spring remove the covering, loosen the soil around the plants, and when large enough transplant them to where they are permanently to remain.

**Half-Hardy Biennials** (hhB.) and **Half-Hardy Perennials** (hhP.).—These may be sown in the open border as directed for hardy Annuals, but, when practical, it is generally better to start them in-doors, as recommended for half hardy Annuals.

**Tender Biennials** (tB.) and **Tender Perennials** (tP.).—Accord these the same treatment as recommended for tender Annuals.

Those to whom a greenhouse or hot bed is not available will meet with good success by placing the boxes or pots in the open sunlight in the windows of the dwelling house, and keep the temperature from 65 to 75 degrees during the day and 10 degrees less at night. If the soil was in proper condition at planting time, a slight sprinkling once a week will be sufficient until the plants begin to grow nicely.

**Greenhouse Seeds.**—Some of these may be sown at almost any season of the year. Leaf mould, or peat, with some fine sand added, is the most suitable soil, and the shallow pots or boxes before recommended can be used. The smaller seeds of greenhouse plants are somewhat difficult to germinate unless extra care be taken with them; they require to be slightly watered occasionally, and sheltered from the hot sun until large enough to transplant. Press the soil firmly down into the pot or box and make perfectly level, so that no unequal settlement takes place through watering. The seeds should be sown thinly and covered very lightly with finely sifted sphagnum moss. A pane of glass placed over the pot or box until the little plants get well started is of decided benefit, but care should be taken to air occasionally, when excessive moisture is shown by water globules on the under side of the glass. When the young plants have two leaves they should be transplanted into a similar soil, in other pots or boxes. To do this do not pull them out one by one, but, if in a pot, remove the entire contents and break up gently; if in a box, loosen by running a trowel around the side and take out a mass at a time, thus preserving the little roots which are so essential to their future welfare. After transplanting, keep in a shady part of the greenhouse and water sparingly until established, when they may be removed to the light.

It is well to know that Poppies delight in a rich, sandy loam, that Eschscholtzias will do best in a poor soil; or of Pansies, give them abundance of old manure, the richest earth you can find, plenty of water and partial shade; that you need not be anxious if it is not convenient to carry water for Nasturtiums in a dry time, for their habitat is dry Chili, and they will thrive in a dryer soil and atmosphere than almost any other plant; or that Zinnias like a heavy, cool clay; Sweet Peas a deep, rich soil and plenty of water, while such gross feeders as Roses, Sunflowers, Hollyhocks, Dahlias and Asters cannot be planted in too rich a situation; yet,

"To raise your flowers, various arts combine,  
Study these well, and fancy's flight decline;  
If you would have a vivid, vigorous breed,  
Of every kind, examine well the seed;  
Learn to what elements your plants belong;  
What is their constitution, weak or strong;

Be their physician, careful of their lives,  
And see that every species daily thrives;  
These love much air, these on much earth rely;  
These, without constant warmth, decay and die;  
Supply the wants of each, and they will pay  
For all your care through each succeeding day."

### EXPLANATORY.

Our General List of Flower Seeds, it will be found, is divided into the following groups, viz.: Annuals, Perennials and Biennials; Climbers; Greenhouse Plants; Everlastings; Ornamental Grasses, etc. The botanical and common names are arranged in alphabetical order, and a very complete index will be found in front of book. The dash (—) designates the repetition of the name above it as applying to the variety to which the dash is prefixed; the *first column*, following the name, denotes hardiness and duration; the *second column*, height in feet; the *third column*, color, or predominating colors; the *fourth* and *fifth columns* show the price per ounce and packet respectively; the *sixth column* gives brief descriptions or special notes on culture. To this arrangement and the following abbreviations we have given the most careful attention, and we trust that their simplicity will not only find favor with our customers, but prove valuable to them as a handy reference.

### KEY TO ABBREVIATIONS.

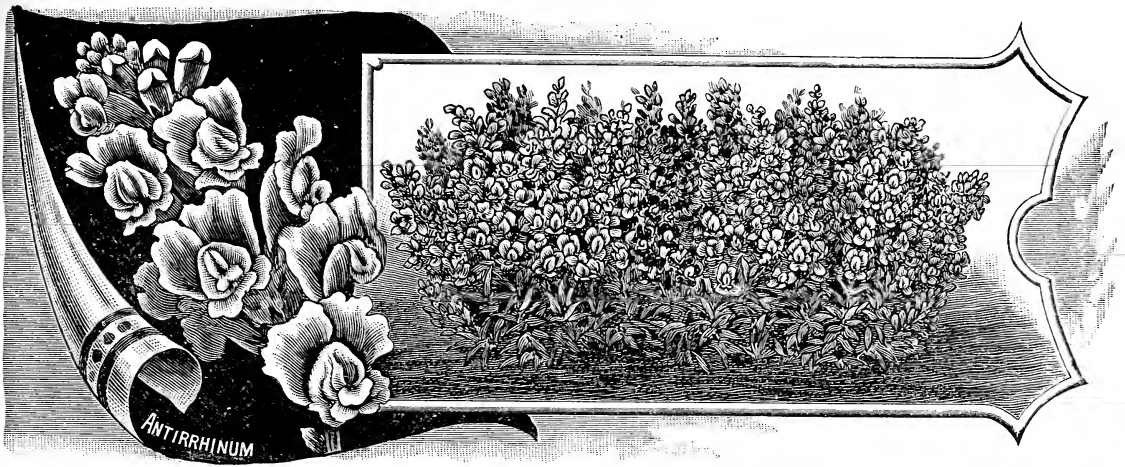
hA	designates Hardy Annuals—Lasting but one year.
hhA	" Half Hardy Annuals—Lasting but one year.
tA	" Tender Annuals—Lasting but one year.
hB	" Hardy Biennials—Lasting two years.
hhB	" Half Hardy Biennials—Require protection during winter.
hP	" Hardy Perennials—Lasting three or more years.
hhP	" Half Hardy Perennials—Require protection during winter.
tP	" Tender Perennials—Lasting three or more years, but require greenhouse protection during winter.
†	" Biennials or Perennials that, if sown early, will bloom the first year.
Trail,	" Trailing Habit; and Var., Various.

The abbreviations of colors are—

blk.—black.	crim.—crimson.	var.—variegated.
br.—brown.	sul.—sulphur.	scar.—scarlet.
tri.—tricolor.	lav.—lavender.	spot.—striped.
car.—carmine.	pur.—purple.	ver.—vermillion.

In some instances when the flower is of two colors, these are indicated by the initial letters only,—for example, b&w—blue and white; s&y—scarlet and yellow; w&p—white and pink.

For Flower Seed Novelties, see colored pages.

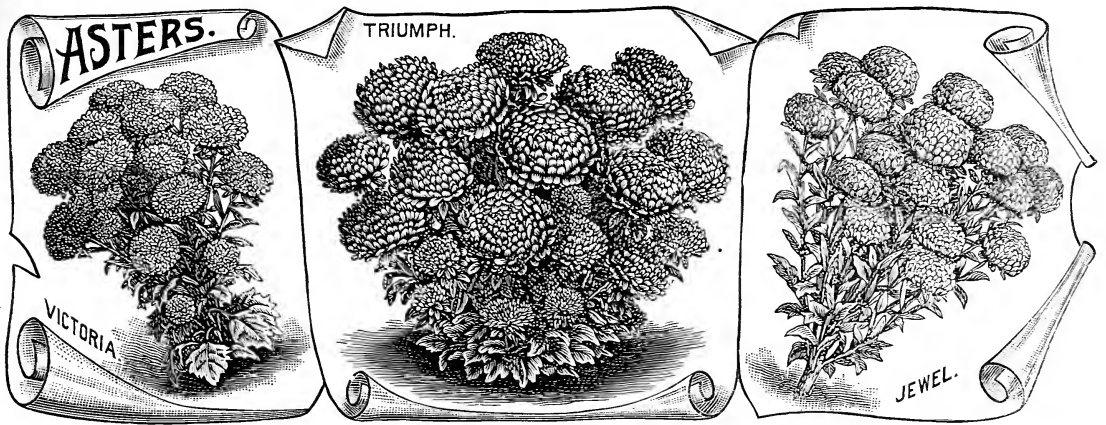


NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
<b>Abobra</b> (see Climbers)					
<b>Abronia</b> , arenaria .....	hhA	tra	yel.	.50 5	} Sweet scented, verbena like trailers. Do best in light soil. Sow in open ground in May.
umbellata grandiflora .....	"	"	rose	.50 5	
villosa .....	"	"	pur.	.50 5	
<b>Abutilon</b> , see Seeds for Greenhouse					
<b>Abyssinian Grass</b> , see Ornamental Grasses					
<b>Acacia</b> , see Seeds for Greenhouse					
<b>Acanthus mollis</b> .....	hP	3	white	5	} Ornamental foliage, valuable for dec- orative purposes.
<b>Achillea ptarmica</b> , flore pleno (Yarrow)	"	1	"	10	
The Pearl .....	"	1½	"	10	} Flowers freely throughout summer and autumn. Excellent for cutting.
<b>Achimenes</b> , see Seeds for Greenhouse					
<b>Aconitum napellus</b> (Monks Hood)...	"	3	blue	5	} Popular plants, adapted to shady situations.
pyrenaicum .....	"	"	yel.	5	
mixed .....	"	"	mix'd	1.00 5	
<b>Acroclinium</b> , see Everlastings					
<b>Adenophora liliifolia</b> .....	"	3	l. blue	10	Free flowering, fragrant border plant.
<b>Adumia</b> (Alleghany Vine), see Climbers					
<b>Adonis autumnalis</b> .....	hA	1	crim.	.25 5	} A desirable border plant, free flower- ing.
æstivalis .....	"	"	scar.	.25 5	
vernalis .....	hP	1½	yel.	.50 5	
<b>Æthionema grandiflora</b> .....	"	1	rose	5	
<b>African Rose</b> , see Hibiscus					
<b>Agathea coelestis</b> (Blue Marguerite)...	tP	2	blue	5	} Small daisy-like flowers.
<b>Ageratum</b> , Ada Bowman .....	†tP	¾	l. blue	1.00 5	
Blue Perfection .....	"	"	"	1.00 5	} Seed may be sown indoors early in the season, or outdoors in a light rich soil when the ground warms. The plants bloom the whole sum- mer and are valuable for edging, bedding, borders, also for cutting. Seed sown in August will produce plants for winter flowering.
conspicuum .....	"	1	white	.75 5	
Lasseauxi .....	"	"	rose	.50 5	
Mexicanum .....	hhA	"	lav.	.40 5	
—album .....	"	"	white	.50 5	
—dwarf blue .....	"	¾	blue	.60 5	
—dwarf white .....	"	"	white	.60 5	
—grandiflorum roseum .....	"	1	rose	.75 10	
—Little Dorrit, blue .....	"	¾	blue	1.00 5	
—Little Dorrit, white .....	"	"	white	1.00 5	
—nanum luteum .....	"	"	yel.	1.00 5	
—roseum .....	"	"	rose	1.00 5	
<b>Agrostemma Cœli-Rosa</b> (Rose of Heaven) .....	hA	1	rose	5	} All easily grown, free flowering attractive plants. The perennial sorts do well in dry situations.
—alba .....	"	"	white	.40 5	
coronaria alba .....	†hP	1½	"	.50 5	
—rosa (Rose Champion) .....	"	2	rose	.50 5	
Flos Jovis (Jove's Flower) .....	"	"	"	.60 5	
mixed .....	"	"	mix'd	.40 5	
<b>Agrostis</b> , see Ornamental Grasses					
<b>Allium Neapolitanum</b> .....	hp	1½	white	5	

See Special Offers on third page of cover.

NAME.	Hard and Dur.	H'gt Feet.	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
<b>Alonsoa</b> albiflora.....	hhA	1½	white	.60 5	} Sow in hot-bed and plant out after middle of May. Being continuous bloomers they are desirable for bedding.
grandiflora.....	"	"	scar.	.60 5	
linifolia.....	"	"	"	.60 5	
myrtifolia.....	"	2½	"	.60 5	
Warscewiczii.....	"	2	"	.60 5	
<b>Althæa</b> rosea, see Hollyhock					
<b>Aloysia</b> citriodora (Lemon Verbena), see Seeds for Greenhouse					
<b>Alstrœmeria</b> mixed hybrids.....	tP	3	mix'd	1.50 10	} The flowers are of great brilliancy. They succeed in any soil and are adapted for cutting.
pulchella.....	"	"	y. & r.	10	
<b>Alyssum</b> maritimum (Sweet Alyssum)	hA	½	white	.30 5	} Sow thickly, where wanted to flower, early in the spring. Plants for winter flowering are readily had from seed sown in August.
—compactum.....	"	⅓	"	.30 5	
—Little Gem.....	"	"	"	.50 5	
—procumbens.....	"	"	"	.60 5	
saxatile compactum (Gold Dust)...	hP	1	yel.	.40 5	
<b>Amaranthus</b> Abyssinicus.....	hhA	3	d. red	5	} Very striking plants on account of their beautiful varied colored foliage or peculiar mode of bloom. The leaves are always largest when the plants are grown on rich soil, but rather poor soil enhances the coloring. The seed can be sown in the house, or in a hot-bed and transplanted to place where wanted for effect. If sown out doors the soil should be very fine and the spot protected until the plants are well started.
bicolor ruber.....	"	"	red	.50 5	
caudatus (Love Lies Bleeding).....	"	"	"	.20 5	
cruentus (Prince's Feather).....	"	"	crim.	.20 5	
Henderi.....	"	"	cr.&y.	.75 5	
melancholicus ruber.....	"	2	red	.40 5	
Princess of Wales.....	"	"	cr.&y.	.75 5	
salicifolius (Fountain Plant).....	"	2½	red	.70 5	
tricolor giganteus.....	"	6	mix'd	.50 5	
—splendens (Joseph's Coat).....	"	3	sc.&y.	.25 5	
finest mixed.....	"	var.	mix'd	5	
collection 12 choicest sorts.....				50c.	
<b>Ammobium</b> , see Everlastings					
<b>Ampelopsis</b> , see Climbers					
<b>Anagallis</b> (Pimpernelle)					
grandiflora superba.....	hhA	½	mix'd	.60 5	} Constant bloomers, suitable for beds, rockwork, etc. Plant in sunny situations.
<b>Anchusa</b> augustifolia.....	thP	2	blue	.60 5	
Barrelieri.....	"	"	d. blue	.75 5	} Flowers somewhat like Forget-me-not. Very ornamental and of long duration when cut.
capensis.....	"	"	pur.	.60 5	
<b>Andropogon</b> , see Ornamental Grasses					
<b>Anemone</b> (Wind Flower).....					
coronaria.....	hP	1	mix'd	.80 5	} Spring and autumn flowering plants that require a rich, deep soil. The Japanese sorts flower in the fall and are especially beautiful.
—St. Brigid, Poppy-flowered.....	"	"	"	10	
Japanica rosea.....	"	2½	rose	2.00 10	
—alba, Honoriue Jobert.....	"	"	white	2.00 20	
Pennsylvanica.....	"	1½	"	1.00 10	
sylvestris (Snowdrop Wind Flower)	"	1	"	5	} A beautiful winter pot plant. Long spikes of cup shaped flowers. Very fragrant.
<b>Angelonia</b> grandiflora.....	thhP	"	pur.	10	
—alba.....	"	"	white	20	
<b>Animated Oats</b> , see Ornamental Grasses					
<b>Antirrhinum</b> (Snap Dragon).....					
grandiflorum majus.....	thP	2	mix'd	.50 5	} If sown in March or April and set out when strong enough, these plants make a display that is unequalled for duration and brilliancy. The tall sorts are fine in borders. The dwarf make splendid beds. They prefer a light, warm but well enriched soil. Seed sown outdoors in May will produce satisfactory results. <i>Our Strains of these are superior to all others in size and brilliancy of flowers.</i>
—nanum, six colors: crimson, scarlet, striped, yellow, white and carmine					
—separate.....	thP	1½	"	.70 10	
—mixed.....	"	"	"	.50 10	
—Tom Thumb, six colors: crimson, rose, white, yellow, striped, orange and scarlet					
—separate.....	thP	1	"	.70 10	
—mixed.....	"	"	mix'd	.50 10	
—Niobe.....	"	"	p.&w.	.60 10	
—Queen of the North.....	"	"	white	.60 10	
—Royal Standard.....	"	"	sc.&w.	10	
—Yellow Queen.....	"	"	yel.	2.00 10	
<b>Anthemis</b> (Chamomile) Arabica.....	hP	2	yel.	.30 5	} Free flowering plants that do well in any situation.
tinctoria.....	"	"	"	.60 5	
<b>Aquilegia</b> (Columbine) alba fl. pl.....	"	"	white	5	} This plant, found in nearly every State in the Union does well in
Californica hybrida.....	"	"	y.&or.	2.00 5	
Canadensis.....	"	1	or'ge	1.00 5	
caryophylloides.....	"	1½	stri.	.75 20	
chrysantha.....	"	3	yel.	2.00 10	

See Special Offers on third page of cover.



NAME.	Hard and Dur.	H'g't Feet.	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
<b>Aquilegia—Continued.</b>					
cœrulea hybrida.....	hP	3	b. & y.	3.00 10	} almost any situation, but prefers a moist sunny place. It flowers early in spring. Seed may be sown in the open ground. It is also readily propagated by division of the root. The flowers are very peculiar and striking in form, of many bright colors and all are fragrant.
glandulosa major.....	"	"	b. & w.	.50 5	
Jätschauti.....	"	2	y. & r.	.75 10	
olympica.....	"	"	blue	1.00 5	
—fl. pl.....	"	"	b. & w.	.75 10	
Skinneri.....	"	1½	s. & y.	5.00 5	
Stuarti.....	"	"	b. & w.	10	
double mixed.....	"	var.	mix'd	.50 5	
single mixed.....	"	"	"	.50 5	} Handsome palm-like shrub. White spring flower, trailing habit. Seed should be started in heat. Very showy bedding plant for dry situations. Large glaucous foliage and poppy-like flowers.
collection 12 choice varieties....	"	"	"	.50c.	
<b>Aralia</b> Siboldi.....	hhP	3	white	10	
<b>Arabis</b> alpina.....	"	1½	"	5	
<b>Arctotis</b> breviscapa.....	"	"	or'ge	5	} Fine for edgings or borders. The bright, tufted flowers are produced all summer.
<b>Argemone</b> grandiflora (Prickly Poppy)	hA	2	white	.40 5	
<b>Aristolochia</b> , see Climbers.....					} Fine for cutting. Flowers freely all summer. Seed should be started in heat.
<b>Armeria</b> (Thrift or Sea Pink)					
<i>formosa</i> .....	hP	¾	d. cr.	5	
<i>maritima splendens</i> .....	"	1	d. rose	5	} Sweet scented, long bloomers, suitable for cutting.
<b>Arnebia</b> cornuta.....	hhA	"	y. & m.	10	
<b>Arundo</b> , see Ornamental Grasses					} Showy border plants with long spikes of flower. They do well in any soil.
<b>Asclepias</b> tuberosa (Milkweed).....	hP	1½	or'ge	5	
<b>Asparagus</b> , see Seeds for Greenhouse					} A showy plant for the border.
<b>Asperula</b> azurea setosa.....	hhA	¾	blue	5	
<i>odorata</i> (Woodruff).....	hP	1½	white	5	
<b>Asphodelus</b> albus.....	"	2	wht.	5	
<i>luteus</i> .....	"	4	yel.	5	

**Asters.** We not only claim that the strains of Asters offered by us are equal to any BUT THAT THEY ARE VASTLY SUPERIOR to those sold by many seedsmen. They are raised especially for our trade by the leading specialists of Europe and America. We pay much higher prices for them than are asked for the ordinary qualities on the market. The demand for Breck's Asters from the leading commercial and private growers all over the United States, however, warrants the labor and expense incurred, and is a sufficient recommendation of their superiority. We welcome a comparison of the product of Breck's seeds with that of the most highly lauded. Our prices speak for themselves.

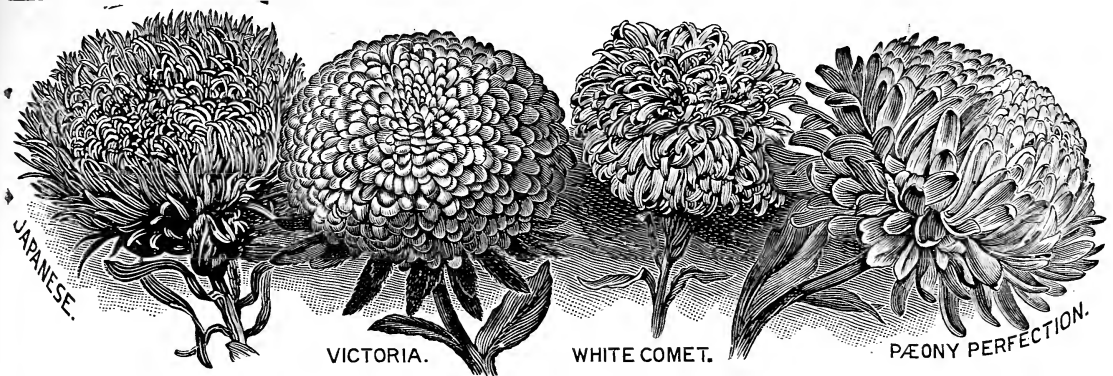
**Cultivation.**—Those who wish Asters in flower throughout the season should make the first sowing about the middle of February and every two weeks thereafter until the middle of June. Sow in fine soil, and cover lightly in shallow boxes which should be set in the greenhouse or a sunny window. Keep moderately moist until the plants are well up, then transplant, either into other shallow boxes three inches apart, or into small pots. When the weather is settled and fairly warm set the plants out in the open ground, one foot apart each way, where they are intended to flower, and keep watered until they are established. Keep the soil open by frequent hoeings, and when the plants are two-thirds grown mulch with well rotted manure. A loose, but strong loam is best suited for asters.

The Aster Family is very large, embracing over 200 species. The most desirable are the Branching, Comet, Jewel, Pæony-Flowered, Rose-Flowered, Victoria and Washington.

See Special Offers on third page of cover.

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
<b>Aster</b> Breck's International Prize....	hhA	varied	mix'd	4.50 10	Breck's International Prize represents all the best classes and colors of large flowering Asters. Those who can devote only a limited space to their cultivation will be delighted with this selection which embraces the cream of the most desirable races to date.
Betteridge's Quilled, mixed.....	"	2	mix'd	2.00 5	
—collection, 12 distinct colors.....40	"	"	"	"	
—collection, 6 " ".....25	"	"	"	"	A beautiful and much grown sort of the Paeony-flowered perfection type.
Boltze's Dwarf Bouquet, mixed.....	"	¾	mix'd	2.00 10	
—collection, 6 distinct colors.....30	"	"	"	"	
Boston Florists', dark blue.....	"	2	d. blue	2.25 10	A superior class. The flowers are very large and resemble the Japanese Chrysanthemum in their graceful form and wavy petals.
—light blue.....	"	"	l. blue	2.25 10	
—bright rose.....	"	"	rose	2.25 10	
—peach blossom.....	"	"	pink	2.25 10	Very fine for bouquets. The colors are splendid.
—scarlet.....	"	"	scar.	2.25 10	
—white.....	"	"	white	2.25 10	
—mixture.....	"	"	mix'd	2.00 10	A much-improved form of the Comet Aster. The large, chrysanthemum-like flowers are borne on long stems, in the greatest profusion.
—collection, 6 distinct colors.....50	"	"	"	"	
Branching, pure white.....	"	3	white	2.50 10	
—shell pink.....	"	"	pink	2.50 10	Fine double flowers, with white centres, surrounded with brilliant colors.
—lavender.....	"	"	lav.	2.50 10	
—purple.....	"	"	pur.	2.50 10	
—crimson.....	"	"	crim.	2.50 10	Closely-built, double flowers.
—Semple's, mixed.....	"	"	mix'd	2.25 10	
—Vick's, mixed.....	"	"	"	2.25 10	
<b>Chrysanthemum</b> Flowered Dwarf, finest mixed.....	"	¾	"	2.25 10	A favorite, old variety.
—collection, 12 distinct colors.....60	"	"	"	"	
—collection, 6 " ".....35	"	"	"	"	
<b>Chrysanthemum</b> Flowered Tall, finest mixed.....	"	2	"	2.00 10	Plants of fine, dwarf habit. Flowers large, very double, incurved, and of great beauty.
—collection, 6 distinct colors.....35	"	"	"	"	
Comet, Giant, The Bride.....	"	"	white	2.75 10	
—light blue.....	"	"	l. blue	2.75 10	Very profuse bloomer, adapted for growing in lines or clumps.
—lilac.....	"	"	lilac	2.75 10	
—crimson.....	"	"	crim.	3.00 10	
—peach blossom.....	"	"	pink	3.50 10	A very free flowering sort.
—rose.....	"	"	rose	3.00 10	
—sulphur yellow.....	"	"	yel.	4.00 10	
—rose and white.....	"	"	r. & w.	3.00 10	Flowers of immense size and delicate colors.
—finest mixed.....	"	"	mix'd	2.50 10	
—collection, 10 distinct colors.....60	"	"	"	"	
—collection, 6 " ".....40	"	"	"	"	A decided acquisition in color.
<b>Cocardeau or Crown, Improved.....</b>	"	1½	"	2.00 5	
—finest mixed.....	"	"	"	"	
—collection, 6 distinct colors.....35	"	"	"	"	Of very strong growth. Flowers extremely double.
Dobbies' Globe Quilled, mixed.....	"	2	"	1.00 10	
—collection, 6 distinct colors.....50	"	"	"	"	
Dwarf German, mixed.....	"	1½	"	1.25 5	Especially suitable for bouquets.
<b>Dwarf Paeony Flowered Perfection</b>	"	"	"	"	
—dark purple.....	"	I	d. pur.	3.00 10	
—blackish violet.....	"	"	d. vio.	3.00 10	The flowers are very oddly spotted and striped.
—scarlet.....	"	"	scar.	3.00 10	
—white.....	"	"	white	3.00 10	
—finest mixed.....	"	"	mix'd	2.50 10	The flowers are small, but borne in the greatest profusion.
—collection, 12 distinct colors.....60	"	"	"	"	
—collection, 6 " ".....40	"	"	"	"	
<b>Dwarf Pyramidal Bouquet,</b>	"	I	"	"	Small, exquisitely formed, double flowers, borne in great profusion, suitable for cutting.
—mixed.....	"	¾	"	1.25 10	
Dwarf Silver Ball.....	"	I	white	2.00 10	
Giant Emperor, mixed.....	"	1½	mix'd	3.00 10	Flowers of immense size and delicate colors.
—collection, 12 distinct colors.....65	"	"	"	"	
—collection, 6 " ".....35	"	"	"	"	
Golden King.....	"	"	yel.	10	A decided acquisition in color.
Goliath, mixed.....	"	2½	mix'd	2.00 10	
—collection, 6 distinct colors.....30	"	"	"	"	
Grace or Schiller, mixed.....	"	1½	"	1.25 10	Of very strong growth. Flowers extremely double.
—collection, 8 distinct colors.....30	"	"	"	"	
Harlequin, mixed.....	"	"	"	3.00 10	
Imbricated Cocardeau, mixed.....	"	"	"	2.50 10	The flowers are small, but borne in the greatest profusion.
Imbricated Pompon, red.....	"	I	red	2.50 10	
—white.....	"	"	white	3.00 10	
—mixed.....	"	"	mix'd	2.00 10	Small, exquisitely formed, double flowers, borne in great profusion, suitable for cutting.
—collection, 6 distinct colors.....35	"	"	"	"	

See Special Offers on third page of cover.



NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
<b>Aster.—Continued.</b>					
Jewel or Ball, apple blossom.....	hhA	2	pink	2.75 10	One of the best. The plants are of fine habit and free bloomers. The flowers are perfectly round in form, and incurved like a chrysanthemum.
—crimson.....	"	"	crim.	2.75 10	
—deep rose.....	"	"	rose	2.75 10	
—purple.....	"	"	pur.	2.75 10	
—rose and white.....	"	"	r. & w.	2.75 10	
—azure blue.....	"	"	blue	4.00 10	
—red violet.....	"	"	violet	4.00 10	
—pure white.....	"	"	white	4.00 10	
—mixed.....	"	"	mix'd	2.50 10	
—collection, 6 distinct colors.....50	"	"	"	"	
Lady in White, pink.....	"	"	pink	3.00 10	The plants are of very branching habit. The flowers are of semi-globular form.
—rose.....	"	"	rose	3.00 10	
—white.....	"	"	white	2.50 10	
—mixed.....	"	"	mix'd	2.00 10	
La Superbe, rose.....	"	"	rose	3.00 10	Beautiful pæony-like flowers.
—azure blue and white.....	"	"	b. & w.	3.00 10	
—white.....	"	"	white	3.00 10	
—mixed.....	"	"	mix'd	3.00 10	
Liliput, mixed.....	"	1	mix'd	1.50 10	Most floriferous. Flowers small and very double.
Mignon, crimson.....	"	1½	crim.	4.00 10	Not surpassed by any for cutting. The flowers are of fine form, attractive alike in the garden and bouquets.
—rose.....	"	"	rose	4.00 10	
—white.....	"	"	white	4.00 10	
—scarlet.....	"	"	scar.	4.00 10	
—rosa-alba.....	"	"	l. rose	4.00 10	
—mixed.....	"	"	mix'd	3.50 10	A form of the Victoria with pointed petals.
Needle Victoria or Hedgehog, mixed	"	"	"	3.00 10	
Non Plus Ultra, mixed.....	"	1	"	3.00 10	Plants of upright habit of growth. Flowers large and double.
—collection, 6 distinct colors.....40	"	"	"	"	
Ostrich Feather.....	"	"	white	4.00 10	An early flowering variety.
Pæony Flowered Globe, crimson...	"	1½	crim.	2.50 10	
—light blue.....	"	"	l. blue	2.50 10	
—snow white.....	"	"	white	2.50 10	
—mixed.....	"	"	mix'd	2.00 10	
—collection, 6 distinct colors.....30	"	"	"	"	A general favorite. The plants are of branching, pyramidal form and very floriferous. Our stock of this seed is a great improvement on what is generally offered; the flowers are larger, fuller, of better form, and the petals more incurved, like a chrysanthemum.
Pæony Flowered Perfection, Truffaut's Improved,	"	"	"	"	
—blood red.....	"	2	d. red	3.00 10	
—brilliant rose.....	"	"	rose	3.00 10	
—brilliant scarlet.....	"	"	scar.	3.00 10	
—dark blue.....	"	"	d. blue	3.00 10	
—delicate rose.....	"	"	l. rose	3.00 10	
—crimson.....	"	"	crim.	3.00 10	
—carmine rose.....	"	"	pink	3.00 10	
—light blue.....	"	"	l. blue	3.00 10	
—snow white.....	"	"	white	3.00 10	
—mixed.....	"	"	mix'd	2.50 10	
—collection, 12 distinct colors.....60	"	"	"	"	
—collection, 6.....30	"	"	"	"	
Prince of Wales, light blue.....	"	1½	l. blue	3.00 10	
—rose.....	"	"	rose	3.00 10	A remarkably free-flowering and brilliant colored class.
—white.....	"	"	white	3.00 10	
—mixed.....	"	"	mix'd	2.50 10	

See Special Offers on third page of cover.

NAME.	Hard. and Dur.	H'g't Feet	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
<b>Aster. Continued.</b>					
Pearl, red.....	hhA	1	red	4.00 10	} One of the really good sorts. The plants are of vigorous habit and fine bush form. The flowers are of globular form, double and finely imbricated.
—rose.....	"	"	rose	4.00 10	
—white.....	"	"	white	4.00 10	
—mixed.....	"	"	mix'd	3.50 10	
Queen of the Earlies (Queen of the Market).					} Very early, blooming about four weeks before the other sorts. Valuable for an early display in the garden, and for cutting.
—crimson.....	"	1½	crim.	2.00 10	
—light blue.....	"	"	l. blue	2.00 10	
—rose.....	"	"	rose	2.00 10	
—white.....	"	"	white	2.00 10	
—mixed.....	"	"	mix'd	1.75 10	} Distinct and pretty, resembling the straight-rayed Japanese chrysanthemums.
Ray, bright rose.....	"	"	rose	3.00 10	
—white.....	"	"	white	3.00 10	
—mixed.....	"	"	mix'd	2.75 10	} A magnificent class, with splendid, large double flowers of brilliant colors.
Rose Flowered, blue.....	"	2	blue	3.00 10	
—scarlet.....	"	"	scar.	3.00 10	
—white.....	"	"	white	3.00 10	
—mixed.....	"	"	mix'd	2.75 10	} Beautifully imbricated flowers of faultless form.
—collection, 6 distinct colors.....	35	"	"	"	
Snowball or Princess, dark blue.....	"	1½	d. blue	3.00 10	
—dark crimson.....	"	"	d. cr.	3.00 10	
—rose.....	"	"	rose	3.00 10	
—white.....	"	"	white	3.00 10	} Very beautifully formed, and perhaps most desirable of the dwarf varieties.
—mixed.....	"	"	mix'd	2.75 10	
Triumph, deep scarlet.....	"	¾	scar.	5.00 10	
—scarlet and white.....	"	"	s. & w.	4.00 10	
—white.....	"	"	white	4.00 10	} Of vigorous habit, pyramidal form, flowers very large, beautifully imbricated and freely produced. There is nothing superior.
—mixed.....	"	"	mix'd	4.00 10	
Victoria, Improved.					
—azure blue.....	"	1½	l. blue	4.00 10	
—dark blue.....	"	"	d. blue	4.00 10	
—scarlet.....	"	"	scar.	4.00 10	
—crimson.....	"	"	crim.	4.00 10	
—light rose.....	"	"	l. rose	4.00 10	
—carmine rose.....	"	"	d. rose	4.00 10	
—rose and white.....	"	"	r. & w.	4.00 10	
—peach blossom.....	"	"	pink	4.00 10	
—purple violet.....	"	"	violet	4.00 10	
—white.....	"	"	white	4.00 10	
—white, tinted rose.....	"	"	p. rose	4.00 10	
—sulphur yellow.....	"	"	yel.	4.00 10	
—coppery rose.....	"	"	bronz.	4.00 10	
—mixed.....	"	"	mix'd	3.50 10	
—collection, 12 distinct colors.....	70	"	"	"	
—collection, 6.....	40	"	"	"	
Victoria, Dwarf, light blue.....	"	¾	l. blue	4.00 10	} Resembles the above, but of much dwarfer habit.
—rose.....	"	"	rose	4.00 10	
—snow white.....	"	"	white	4.00 10	
—mixed.....	"	"	mix'd	3.50 10	} The largest flowering sort in existence. Valuable for exhibition purposes.
Washington, mixed.....	"	2	"	3.00 10	
—collection, 6 distinct colors.....	40	"	"	"	} Abundance of flowers, variety of color, and suitableness for cutting will make this popular.
Single Flowered Marguerite, mixed.	"	"	"	1.00 10	
Perennial (Michaelmas Daisy).					} These are easily raised from seed and make attractive, autumn flowering, border plants.
—alpinus speciosus.....	†hhP	1	pur.	1.00 15	
—bessarabicus.....	"	2	blue	1.00 10	
—gymnocephalus.....	"	"	rose	15	
—mixed.....	"	varied	mix'd	2.00 5	} A spring-flowering, Alyssum-like plant, fine for rockwork, etc.
<b>Aubrietia</b> , Bougainvillei.....	hP	trail.	pur.	1.25 10	
Leichtlinii (rosy carmine).....	"	"	car.	10	
<b>Avena</b> , see Ornamental Grasses.					
<b>Baby's Breath</b> , see Gypsophila Paniculata.					
<b>Bachelor's Button</b> , see Centaurea Cyanus.					
<b>Balloon Vine</b> , see Climbers.					

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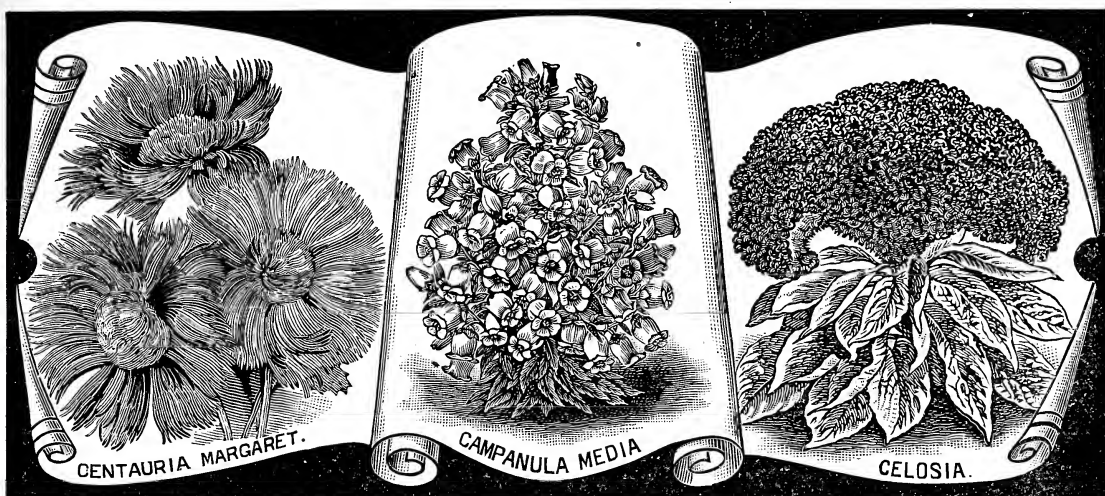


NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
<b>Balsam</b> (Impatiens), double white....	hhA	2	white	1.50 5	Magnificent summer and autumn flowering annuals. A rich sandy loam is most suitable for them. They must be kept well watered. If transplanted several times the plants have a tendency to dwarf and produce more double flowers. Seed may be started early in heat or outdoors in May.
double red .....	"	"	red	1.50 5	
camellia-flowered, Alba Perfecta ....	"	"	white	3.50 10	
—mixed .....	"	"	mix'd	1.25 5	
—collection, 6 distinct colors ... 25	"	"	"	"	
carnation striped, mixed .....	"	"	strip.	1.00 5	
rose-flowered, mixed .....	"	"	mix'd	1.00 5	
—collection, 6 distinct colors.... 25	"	"	"	"	These form no tubers, but are grown for their ornamental foliage.
dwarf double, mixed .....	"	1¼	"	1.00 5	
choice mixture .....	"	2	"	1.00 5	
<b>Bartonia</b> aurea .....	hA	3	yel.	.40 5	A favorite dwarf plant for beds, flowers early in spring. Seed may be sown in heat or in open ground in May.
<b>Bean</b> , Climbing, see (Phaseolus) Climbers.	"	"	"	"	
<b>Beet</b> , Brazilian, golden veined .....	"	1½	"	.20 5	
—scarlet veined .....	"	"	"	.20 5	Flowers resemble the Calliopsis.
<b>Begonia</b> , see Seeds for Greenhouse.	"	"	"	"	
<b>Bellis</b> perennis (Double Daisy) .....	thP	½	white	4.00 10	
alba fl. pl. ....	"	"	red	5.00 10	
Longfellow .....	"	"	pink	4.00 10	Ornamental foliage plant, may be grown singly or in clumps.
double mixed. ....	"	"	mix'd	3.50 10	
<b>Bidens</b> atrosanguinea .....	hhP	2	d. red	5	A fine annual for either house or garden cultivation. Valuable for bouquets.
grandiflora .....	hA	"	yel.	5	
<b>Bignonia</b> , see Climbers.	"	"	"	"	Easily grown and very ornamental.
<b>Bocconia</b> Japonica .....	hP	6	white	10	
<b>Boston Ivy</b> , see (Ampelopsis) Climbers.	"	"	"	"	Profuse flowering plants of easy culture; bloom all summer.
<b>Brachycome</b> (Swan River Daisy)—	"	"	"	"	
iberifolia .....	hhA	1	blue	.60 5	Fine for dry or sandy situations. The seed should not be sown until warm, settled weather.
alba .....	"	"	white	.60 5	
<b>Briza</b> , see Ornamental Grasses.	"	"	"	"	
<b>Brizopyrum</b> , see Ornamental Grasses.	"	"	"	"	
<b>Bromus</b> , see Ornamental Grasses.	"	"	"	"	
<b>Browallia</b> Czerwiakowski .....	"	1½	d. blue	.75 5	
elata .....	"	"	blue	.75 5	
—alba .....	"	"	white	.75 5	Easily grown and very ornamental.
—purpurea .....	"	"	pur.	1.00 5	
Rozli .....	"	"	w. & b.	5	Profuse flowering plants of easy culture; bloom all summer.
mixed .....	"	"	mix'd	.60 5	
<b>Byronopsis</b> , see Climbers.	"	"	"	"	Fine for dry or sandy situations. The seed should not be sown until warm, settled weather.
<b>Bupththalmun</b> (Ox-Eye)—	"	"	"	"	
salicifolium .....	hP	2	yel.	.75 5	Easily grown and very ornamental.
<b>Cacalia</b> (Tassel Flower) aurea .....	hhA	1½	"	.50 5	
coccinea .....	"	"	scar.	.50 5	Profuse flowering plants of easy culture; bloom all summer.
<b>Calandrinia</b> grandiflora .....	ttP	1	pur.	.60 5	
speciosa alba .....	hA	"	white	.50 5	Fine for dry or sandy situations. The seed should not be sown until warm, settled weather.
umbellata .....	"	½	crim.	.75 5	
<b>Calceolaria</b> , see Seeds for Greenhouse.	"	"	"	"	

See Special Offers on third page of cover.

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower	Price Per Oz. Pkt.	DESCRIPTION.
<b>Calendula</b> (Marigold), La Proust .....	hA	1½	buff	.25 5	} Showy free flowering plants that do well in all situations. They bloom until late in autumn and are valuable alike for the garden and indoor winter blooming.
meteor .....	"	1	strip.	.25 5	
Prince of Orange .....	"	"	orange	.25 5	
plurialis (Cape Marigold) .....	"	"	white	.25 5	
sulphurea .....	"	"	yel.	.25 5	
superba, yellow, dark eye .....	"	"	"	.25 5	
<b>Calliopsis</b> , see Coreopsis.					
<b>Callirhoe</b> lineariloba .....	hP	"	d. car.	.75 5	} Linum-like flowers. Continue in bloom all summer.
pedata nana compacta .....	hA	"	d. rose	.50 5	
<b>Calampelis</b> , see Climbers.					
<b>Campanula</b> (Canterbury Bell)—					
carpatica .....	hP	"	blue	.50 5	} These are well-known favorites. Seed may be sown in the open ground in April or May. The annual and biennial sorts will bloom the first year; the perennials early the year following. They all like a good rich soil. All of them are exceedingly beautiful and attractive, especially when the different colors are planted together.
—alba .....	"	½	white	.50 5	
Japonica .....	"	2	blue	.75 10	
macrostyla .....	hA	"	rose	2.00 5	
mirabilis .....	hP	"	l. blue	10	
persicifolia grandiflora .....	"	3	"	5	
— — — alba .....	"	"	white	5	
pyramidalis compacta alba .....	"	"	"	10	
speculum (Venus Looking Glass) .....	hA	½	mix'd	.50 5	
medium double mixed .....	thB	2½	"	.75 5	
—single, mixed .....	"	"	"	.50 5	
—calycanthema (or cupped) mixed ..	"	"	"	1.00 5	
—Dean's hybrids, double and single ..	"	"	"	5	
<b>Candytuft</b> (Iberis)					
Breck's Improved White Spiral .....	hA	1½	white	.50 5	} Very effective for beds, borders, etc., and useful for pot culture during winter. It is grown extensively by florists for cutting. The seed may be sown any time, either in the house or open ground.
carmine .....	"	1	car.	.30 5	
crimson, Dunnett's .....	"	"	crim.	.30 5	
Empress .....	"	"	white	.50 5	
Giant Hyacinth-Flowered .....	"	"	"	.75 5	
odorata .....	"	"	"	.25 5	
Rocket .....	"	"	"	.25 5	
Rose Cardinal .....	"	"	rose	.75 5	
umbellata .....	"	"	pur.	.25 5	
mixed .....	"	"	mix'd	.25 5	
dwarf hybrid .....	"	¾	"	.75 5	
Perennial Candytuft, see Iberis.					
<b>Canna</b> , dark-leaved varieties .....	hhP	5	"	.40 5	} To grow from seed, cut through the hard outer covering, soak for ten hours and plant the seed half an inch deep. A warm moist temperature is necessary.
green-leaved varieties .....	"	"	"	.25 5	
Crozy's Large Flowered, mixed .....	"	3	"	.50 10	
collection, twelve Crozy's varieties. 75	"	"	"	"	} Ornamental habit. Suitable for backs of borders, etc.
<b>Cannabis</b> gigantea (Giant Hemp) .....	hhA	8	"	.50 5	
<b>Cardiospermum</b> , see Climbers					
<b>Carduus</b> benedictus (Blessed Thistle) ..	hA	2	yel.	.50 5	Easily grown and very pretty.
<b>Castor Oil Plant</b> , see Ricinus					
<b>Carnation</b> , see Dianthus Caryophyllus					
<b>Celosia</b> (Cockscomb) cristata .....					
—dwarf chamois .....	hhA	¾	fawn	3.00 5	} The cristata sorts have become very popular for bedding; their beautifully formed, highly colored flowers being very attractive and effective. The plumosa class is splendid in both foliage and flower, very suitable for vases, borders, etc. The "Ostrich Feather" produce large plumes, beautifully curved and curled.
—copper-color .....	"	"	br'nze	3.00 5	
—dark crimson .....	"	"	crim.	3.00 5	
—Empress .....	"	"	pur.	3.00 5	
—Glasgow prize .....	"	"	crim.	3.00 5	
—golden yellow .....	"	"	yel.	3.00 5	
—Queen .....	"	"	rose	3.00 5	
—scarlet .....	"	"	scar.	3.00 5	
—violet .....	"	"	viol.	3.00 5	
—Vesuvius .....	"	"	scar.	4.00 5	
—mixed .....	"	"	mix'd	1.50 5	
collection, 12 dwarf sorts .....	"	"	"	.60	} Seed should be sown in a hotbed in March or April, and transplanted to pots when large enough. The size of the combs of the cristata are greatly increased by several transplantings before the combs form.
plumosa, crimson .....	"	2	crim.	.75 5	
—golden yellow .....	"	"	yel.	.75 5	
—Thompson's Superb .....	"	"	crim.	.75 5	
—Ostrich Feather, crimson .....	"	3	"	1.00 5	
—orange .....	"	"	or'ge	1.00 5	
—mixed .....	"	vari'd	mix'd	.75 5	
<b>Centaurea</b> (Dusty Miller) .....					
candidissima .....	hhP	1	pur.	10	} These useful plants are grown entirely for their finely cut, almost snow-white foliage. They are fine
Clementi .....	"	2	yel.	10	
gymnocarpa .....	"	1	yel.	.80 10	

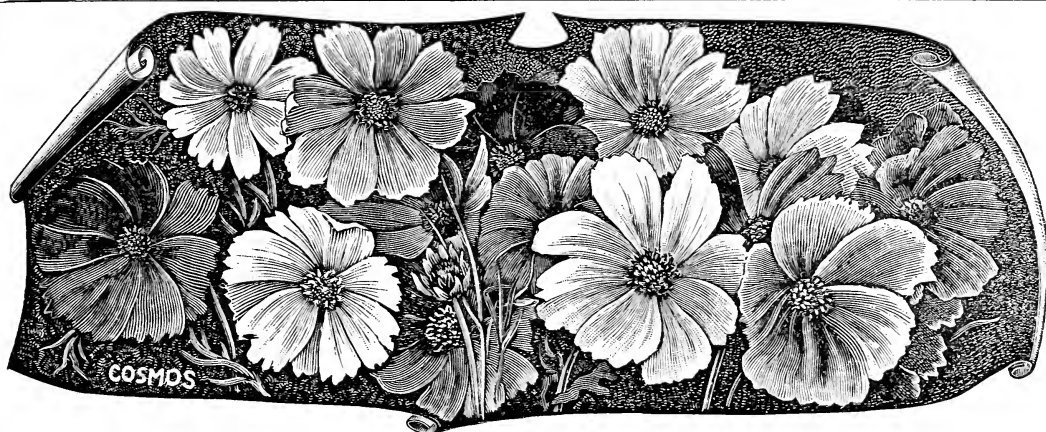
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NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
<b>Centaurea.—Continued.</b>					
cyanus (Bachelor's Button or Corn Flower).....					for ribbon borders, edges of beds, etc.
—Emperor William .....	hA	I	blue	.25 5	These are well-known favorites. The habit of the strain we offer is a much improved one, while the range of colors and shades is also greatly enhanced. They make a splendid display in the garden and are valuable for cutting.
—brown .....	"	"	br.	.25 5	
—red .....	"	"	red	.25 5	
—pink .....	"	"	pink	.25 5	
—Victoria.....	"	¾	blue	I.00 10	
—lilac .....	"	I	lilac	.25 5	
—purple .....	"	"	pur.	.25 5	
—white .....	"	"	white	.25 5	
—double mixed .....	"	"	mix'd	.25 5	
odorata, Chameleon.....	hhP	1½	varied	3.25 10	
—Margaret .....	"	"	white	I.50 10	
moschata (Sweet Sultan).....	hA	"	pur.	.50 5	Graceful plants that bear a profusion of sweet scented flowers in many colors.
sauveolens (Yellow Sweet Sultan)...	"	"	yel.	.75 5	
<b>Centranthus, mixed</b> .....	"	"	mix'd	.25 5	Clusters of long tube like flowers.
<b>Cerastium tomentosum</b> .....	thP	½	white	10	Dwarf silver-leaved plant, valuable for edging.
<b>Chamæpeuce—</b>					
cassabonæ (Fish Bone Thistle).....	hP	1½		I.00 5	Thistle-like plants, with ornamental foliage.
diacantha .....	"	"	yel.	.75 5	
<b>Chelone barbata Torreyi</b> .....	thhP	2	scar.	.50 5	Pentstemon-like flowers. Brilliant colors.
hybrida.....	"	"	mix'd	.50 5	
<b>Chinese Pink, see Dianthus Chinensis.</b>					
<b>Chloris, see Ornamental Grasses.</b>					
<b>Chloropsis, see Ornamental Grasses.</b>					
<b>Chrysurus, see Ornamental Grasses.</b>					
<b>Chrysanthemum coronarium</b> .....	hA	1½	white	.40 5	All the annual chrysanthemums are very effective and showy plants for beds and borders. They are also desirable for cultivation in the house. Their showy flowers are produced in abundance all summer. For cutting there is nothing better. The seed may be sown in the open border in April or May, or in a hot-bed and transplanted when large enough.
—yellow .....	"	"	yel.	.40 5	
—sulphur .....	"	"	"	.40 5	
—imbricatum .....	"	"	mix'd	.40 5	
—mixed .....	"	"	"	.40 5	
tricolor double, Golden-leaved.....	"	"	"	.50 5	
—Dunnett's Double Golden .....	"	"	yel.	.75 5	
—Eclipse .....	"	"	br.&y.	.50 5	
—Burrigeatum .....	"	I	w. & r.	.40 5	
—Purple Crown.....	"	1½	sc.&y.	.60 5	
—scarlet .....	"	"	scar.	.50 5	
—white .....	"	"	white	.30 5	
—yellow .....	"	"	yel.	.50 5	
—double mixed .....	"	"	mix'd	.75 5	
fringed hybrids.....	"	"	"	I.00 10	
inodorum, double.....	"	I	white	I.00 5	

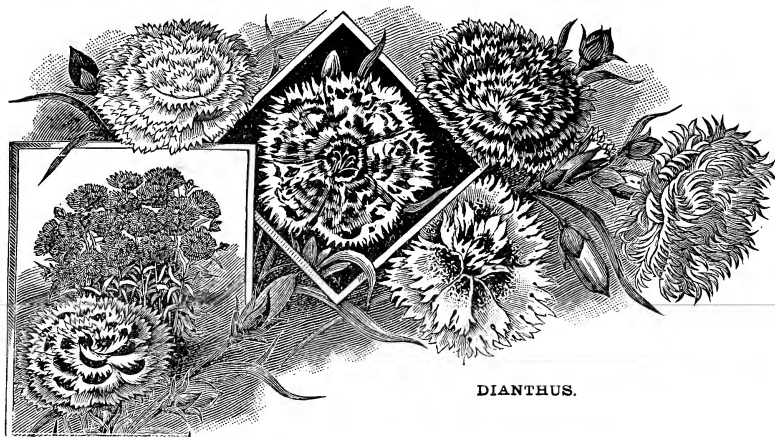
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NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
<b>Chrysanthemum.</b> — <i>Continued.</i>					
frutescens (Marguerite or Paris Daisy)	hP	1	white	1.00 10	These are the Paris Daisy. They are attractive garden plants and valuable for cutting.
Comtessee de Chambord (Yellow Paris Daisy)	"	"	yel.	1.50 5	
uliginosum	"	1½	white	1.00 10	
Maximum Perfection	"	2	"	1.25 10	
Perennial sorts, see Seeds for Greenhouse.					
<b>Cineraria</b> (Dusty Miller) <i>maritima</i>	hhP	1½	yel.	.50 5	Silver foliage plants, suitable for ribbon beds and edging.
<i>candidissima</i>	"	"	"	.50 5	
<i>hybrida</i> , see Seeds for Greenhouse.					
<b>Clarkia elegans alba</b>	hA	"	white	.40 5	Sow the seed in the open border in April. They are of easy cultivation, very pretty and free flowering, the double varieties being especially beautiful. They are all suitable for vases or hanging baskets.
—rosea, dwarf	"	1	rose	.75 5	
—Purple King, double	"	1½	pur.	.40 5	
—Salmon Queen	"	"	pink	.40 5	
—mixed, single and double	"	"	mix'd	.40 5	
<i>pulchella</i>	"	"	"	.40 5	
<b>Clematis</b> , see Climbers.					
<b>Clianthus</b> , see Seeds for Greenhouse.					
<b>Clintonia pulchella</b>	"	¾	bl.&w.	5	A lobelia-like plant, charming for edging or rockwork.
<b>Cobæa</b> , see Climbers.					
<b>Cockscomb</b> , see Celosia.					
<b>Coix</b> , see Ornamental Grasses.					
<b>Coleus</b> , see Seeds for Greenhouse.					
<b>Collinsia</b> , mixed	"	1	mix'd	.35 5	Beautiful free flowering plants for beds or mixed borders.
<b>Columbine</b> , see Aquilegia.					
<b>Commelina cœlestis</b>	thP	1½	bl.&w.	5	Tuberous rooted, very showy plants, suitable for pots or borders.
<b>Convolvulus Minor</b> (Dwarf Morning Glory)—					
<i>tricolor</i>	hA	1	varied	.25 5	A dwarf Morning Glory suitable for growing in clumps or beds, and fine for hanging baskets, window boxes etc.
<i>Rose Queen</i>	"	"	rose	.25 5	
<i>splendens</i>	"	"	violet	.25 5	
<i>white</i>	"	"	white	.25 5	
<i>mixed</i>	"	"	mix'd	.20 5	
<i>mauritanicus</i>	thhP	¾	blue	1.00 10	
<b>Convolvulus Major</b> , see Climbers.					
<b>Coreopsis</b> (Calliopsis)—					
<i>atrosanguinea</i>	hA	2	crim.	.25 5	Nothing is easier grown, more showy for the border, or lasting and effective when cut. The colors are varied and very bright throughout the entire season.
<i>bicolor marmorata</i>	"	"	y.&br.	.30 5	
— <i>nana</i>	"	1	mix'd	.40 5	
— <i>tinctora</i>	"	2	y.&br.	.40 5	The perennial sorts are especially desirable both for garden effect and cutting. Like sweet peas they seem to like to be gathered, and thrive under adverse treatment.
<i>coronata</i>	"	"	yel.	.40 5	
<i>Drummondii</i>	"	1	y.&br.	.35 5	
<i>double hybrids</i>	"	1½	mix'd	.40 5	
<i>Tom Thumb Crimson King</i>	"	½	crim.	10	
<i>mixed</i>	"	varied	mix'd	.25 5	
<i>grandiflora</i>	hP	2	yel.	.75 5	
<i>lanceolata</i>	"	"	"	.75 5	
<i>perennials, mixed</i>	"	"	mix'd	.75 5	
<b>Cosmanthus fimbriata</b>	hA	1	flesh	5	
<b>Cosmidium Burrigeanum</b>					
<b>Cosmos</b> (Cosmea)—					
<i>camelliaflora, pink</i>	"	5	pink	5	The only drawback hitherto has been its late flowering habit. Cultivation overcomes this and selection over a period of years from a N. E. grown strain enables us to offer a choice selection of colors that will bloom from July till frost without any special attention, the flowers run through all the bright colors, but are a trifle smaller than the Californian grown sorts. To induce early blooming of the latter, grow the plants in small pots and allow them to become potbound before planting out. The seed should be sown indoors or in a hotbed in March or April.
—red	"	"	red	5	
—white	"	"	white	5	
—mixed	"	"	mix'd	1.00 5	
<i>fringed, pink</i>	"	"	pink	5	
—white	"	"	white	5	
<i>Giants, pink</i>	"	"	pink	5	
—red	"	"	red	5	
—white	"	"	white	5	
—mixed	"	"	mix'd	.75 5	
<i>Golden Yellow</i>	"	"	yel.	5	
<i>Marguerite</i>	"	"	mix'd	5	
<i>N. E. Early Blooming</i>	"	"	"	1.00 5	
<i>Tints of Dawn</i>	"	"	w.&p.	5	
<i>choice mixture, above sorts</i>	"	"	mix'd	.75 5	



NAME.	Hard. and Dur.	H'g't Feet	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
<b>Cowslip</b> , See <i>Primula Veris</i> .					
<b>Crepis</b> (Hawk Weed).....	hA	1	mix'd	5	Showy, continuous blooming annual. Desirable for borders or rockwork.
<b>Crucianelle</b> <i>stylosa</i> .....	hP	"	pink	5	
<b>Cucumis</b> , see Climbers.					
<b>Cucurbita</b> , see Climbers.					
<b>Cuphea</b> , see Seeds for Greenhouse.					
<b>Cyclamen</b> , see Seeds for Greenhouse.					
<b>Cyclanthera</b> , see Climbers.					
<b>Cypress Vine</b> , see Climbers.					
<b>Dahlia</b> , cactus, mixed.....	thhP	3	mix'd	10	We offer seed from the finest collection in Europe. If the seed is started early in a hotbed an abundance of flowers will be produced the same season. They like a rich, deep soil. The roots should be housed during winter.
double grandiflora.....	"	4	"	1.50 10	
—Pompon.....	"	2	"	2.00 10	
—Tom Thumb.....	"	1 1/4	"	10	
Breck's single .....	"	4	"	1.00 10	
<b>Daisy</b> , double, see <i>Bellis</i> .					
Swan River, see <i>Brachycome</i> .					
Paris, see <i>Chrysanthemum frutescens</i> .					
<b>Datura</b> (Trumpet Flower)—					
<i>Cornucopia</i> .....	hA	2	w. & p.	5	In large clumps, or borders of shrubbery, these produce an excellent effect. They delight in a light, sandy soil.
Golden Queen.....	"	"	yel.	5	
humilis, double.....	"	3	"	5	
Wrightii.....	thP	2	w. & li.	5	
mixed annuals.....	hA	varied	mix'd	.75 5	
<b>Delphinium</b> (Larkspur) <i>Bismarck</i> .....	"	1	r. stri.	5	Very easily grown, exceedingly showy plants. Seed may be sown in the open border April or May. They well repay for special attention. Good soil and a liberal supply of well rotted manure is desirable. The taller sort are fine for shrubberies or mixed borders, while the tall kinds are suitable for beds. Most of the perennial sorts will flower the same season from an early sowing.
candelabrum, double.....	"	1 1/2	mix'd	5	
Double Dwarf Rocket.....	"	1	"	.30 5	
Emperor.....	"	1 1/2	"	.50 5	
Giant Hyacinth Flowered.....	"	2	"	.30 5	
Tall Rocket.....	"	2 1/2	"	.30 5	
Cardinale.....	hP	3	scar.	10	
Chinese double.....	thP	2	blue	.50 5	
elatum (Bee Larkspur).....	"	4	"	.50 10	
formosum.....	"	2 1/2	b. & w.	.75 5	
grandiflorum album.....	"	2	white	.50 5	
double hybrids.....	"	var.	mix'd	2.50 5	
nudicaule.....	"	1 1/2	scar.	3.00 10	
zalil.....	"	1	yel.	10	
collection 6 varieties Dwf. Rocket. 30					
collection 6 varieties Tall Rocket..30					
<b>Devil-in-a-Bush</b> , see <i>Nigella</i>					
<b>Dew Plant</b> , see <i>Mesembryanthemum</i>					
tricolor					
<b>Dianthus</b> (Pink).					
Chinensis, double mixed.....	thB	1	mix'd	.50 5	The biennial sorts are all well known favorites that flower the first season. The colors of the Heddwegii vary through all shades of crimson to a delicate rose.
Heddwegii, single.....	"	"	"	.75 5	
—double.....	"	"	"	.75 5	
—alba, double .....	"	"	white	1.00 5	
—atropurpureus .....	"	"	red	1.00 5	

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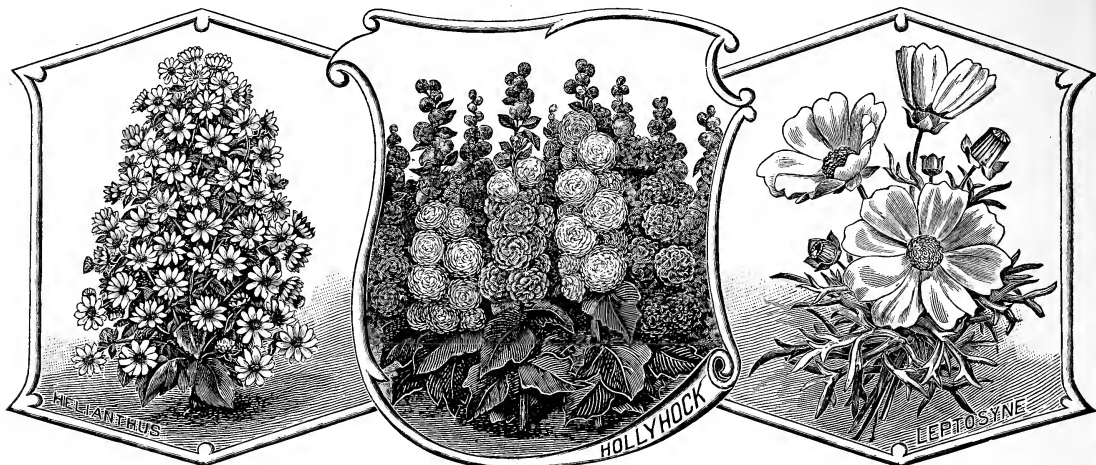
DIANTHUS.

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
<b>Dianthus. Continued.</b>					
diadematus, double.....	thP	1	mix'd	5	The Diadematus shades from rose to purple. They are all exceedingly ornamental, and suitable alike for beds, borders, house cultivation and cutting. Sweet fragrance and great diversity in color and form are theirs peculiarly.
imperialis, double.....	"	"	"	.50 5	
laciniatus.....	"	"	"	.50 5	
—Crimson Bell.....	"	"	crim.	.75 5	
—Salmon Queen.....	"	"	pink	2.50 5	
double mixed.....	"	"	mix'd	1.00 5	
—nanus hybridus.....	"	3/4	"	5	
plumarius (Pheasant's Eye).....	"	1	w. & p.	.50 5	
The Bride.....	"	"	"	5	
collection, 12 varieties.....				40	
barbatus, single mixed (Sweet William).....	aP	1 1/2	mix'd	.40 5	The favorite old-fashioned German Sweet William.
—double mixed.....	"	"	"	5	
caryophyllus, Margaret, rose.....	thhP	1	rose	3.00 10	
—white.....	"	"	white	3.00 10	
—violet.....	"	"	violet	3.00 10	
—mixed.....	"	"	mix'd	2.00 10	
—malmaison, mixed.....	"	"	"	6.00 10	
—Giant, mixed.....	"	1 1/2	"	2.00 10	
—Chabaud, Perpetual.....	"	"	"	10	
—Dwarf Perpetual.....	hhP	1	"	10	
—Giant Perpetual.....	thhP	1 1/2	"	25	These bloom in about four months from time of sowing and produce 80 per cent double flowers. They are remarkable for the richness and profuseness of bloom as well as for vigor of growth.
—Countess of Paris.....	hhP	"	yel.	25	
—Grenadin.....	"	"	scar.	2.00 10	
—white.....	"	"	white	10	
—Picotee mixed.....	"	1	mix'd	25	
—collection of 12, carnations and Picotees.....				.75	
Hardy Garden, double, rose.....	"	"	rose	25	
—white.....	"	"	white	10	
—mixed.....	"	"	mix'd	10	
Perpetual Perfection.....	"	1 1/2	"	25	
<b>Dictamnus fraxinella</b> .....	hP	2	pur.	.75 5	A great favorite with bees. Very ornamental and sweetly scented.
—alba.....	"	"	white	1.00 5	
<b>Digitalis</b> (Foxglove) <i>gloxiniiflora</i> .....	"	4	mix'd	.50 5	A very showy plant for shrubberies, half-shady places, and borders. They thrive well in almost any soil.
<i>grandiflora</i> .....	"	"	yel.	.75 5	
<i>maculata superba</i> .....	"	3	spot.	.75 5	
<i>purpurea</i> .....	"	"	pur.	.25 5	
<i>alba</i> .....	"	"	white	.25 5	
mixed.....	"	"	mix'd	.40 5	Beautiful native plant, with light purple flowers.
<b>Dodecatheon Meadia</b> (American Cow-slip).....	"	1	pur.	10	
<b>Dolichos</b> , see Climbers.					
<b>Dutchman's Pipe</b> , see Climbers.					
<b>Echeveria</b> <i>hybrida</i> .....	hhP	1/8	mix'd	20	Elegant, succulent plants for carpet bedding.
<i>metallica</i> , glaucous foliage.....	"	"	yel.	50	
<b>Eragrostis</b> , see Ornamental Grasses.					
<b>Erianthus</b> , see Ornamental Grasses.					
<b>Erigeron aurantiacus</b> .....	hP	3/4	or'ge	5	An excellent, hardy, border plant.

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NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower	Price Per Oz. Pkt.	DESCRIPTION.
<b>Erysimum arkanianum</b> .....	hA	1½	yel.	5	Sweet-scented, fine for cutting. Pro- fuse bloomer.
<b>Erythrina</b> (Coral Tree). crista-galli.....	hhP	3	scar.	1.00 10	
<b>Eschscholtzia</b> (California Poppy)— California.....	hA	1	y.&o.	.30 5	Bright colored, vase shaped flowers, that continue in bloom a long time. They are fine for budding, borders or pots.
—rose cardinal.....	"	"	car.	.30 5	
—alba.....	"	"	white	.20 5	
—mixed.....	"	"	mix'd	.25 5	
Giant (Hunnemannia).....	"	"	yel.	.40 5	
crocea.....	"	"	or'ge	.30 5	
—alba fl. pl., double.....	"	"	white	.50 5	
mandarin.....	"	"	o.&s.	.50 5	
maritima (Maltese Cross).....	"	"	yel.	.30 5	
tenuifolia (Fern-Leaved).....	"	"	"	.50 5	
mixed.....	"	"	mix'd	.30 5	
<b>Eucalyptus</b> , globulus (Blue Gum Tree).....	hP	100		.40 5	Makes a fine tree in a sheltered loca- tion. Seed should be started in heat.
<b>Eulalia</b> , see Ornamental Grasses.					
<b>Eucharium</b> , Breweri.....	hA	1	rose	3.00 10	Natives of California. Very showy. Sometimes grown among grass.
grandiflorum.....	"	"	mix'd	.75 5	
<b>Euphorbia heterophylla</b> (Mexican Fire Plant).....	"	4		10	The bracts of <i>E. heterophylla</i> are a beautiful orange scarlet. The foli- age of <i>E. Variegata</i> is green with a white margin.
variegata (Snow on the Mountain)...	"	1½		.50 5	
<b>Eutoca multiflora</b> .....	thB	"	pink	.50 5	Suitable for beds or mixed borders. Extra good for cutting.
viscida.....	"	1	blue	.40 5	
<b>Fenzlia dianthiflora</b> .....	hA	¼	rose	3.00 10	Requires considerable moisture. Very pretty for ribbons, beds or pot culture.
alba.....	"	"	white	3.00 10	
<b>Festuca</b> , see Ornamental Grasses.					
<b>Feverfew</b> , see Pyrethrum and Matri- caria.					
<b>Flax</b> , see Linum.					
<b>Fountain Plant</b> , see Amaranthus Sali- cifolius.					
<b>Four O'Clock</b> , see Mirabilis.					
<b>Foxglove</b> , see Digitalis.					
<b>Fuchsia</b> , see Seeds for Greenhouse.					
<b>Funkia alba</b> (White Plantain Lily)...	hP	1½	white	10	An excellent border plant. The flowers are borne on spikes well above the foliage. They prefer a dry situation.
cerulea.....	"	"	blue	10	
<b>Gallardia</b> (Blanket Flower) picta.....	hA	"	r.&y.	.25 5	Seed may be sown any time in spring outdoors, in a good light soil. They bear a profusion of beauti- fully formed brilliant colored flowers, are valuable alike for beds and cutting. The perennial sorts if sown indoors or in a hot-bed, bloom splendidly the first season.
—lorenziana, double.....	"	"	mix'd	.50 5	
amblyodom.....	"	2	red	.75 5	
mixed.....	"	varied	mix'd	.75 5	
grandiflora maxima.....	thhP	1½	yel.	.75 5	
—superba.....	"	"	r.&y.	5	
<b>Galega officinalis</b> .....	hP	3	blue	5	Ornamental plants with spikes of pea shaped flowers suitable for borders or cutting.
—alba.....	"	"	white	5	
<b>Gaura</b> , Lindheimeri.....	thhP	"	w.&r.	.40 5	Produces numerous spikes of elegant white and red tinted flowers.
<b>Gentiana acaulis</b> (Blue Gentian).....	hP	½	blue	.75 5	Dwarf growing very beautiful, hardy herbaceous plants.
cruciata.....	"	1	l. blue	.75 5	
lutea.....	"	3	yel.	.75 5	
<b>Geranium</b> , see Seeds for Greenhouse.					
<b>Geum coccinum</b> , fl. pl., double.....	"	1½	scar.	5	Showy plants of the easiest culture. Produce an abundance of flowers suitable for cutting.
japonicum.....	"	"	yel.	5	
<b>Gesneria</b> , see Seeds for Greenhouse.					
<b>Gilia achilleæfolia</b> .....	hA	1	blue	.30 5	Old-fashioned favorites that bloom throughout the entire season, suit- able for any situation.
tricolor (white, lilac and purple)....	"	"	tri.	.30 5	
<b>Glaucium luteum</b> (Horn Poppy).....	thP	2	yel.	.75 5	A showy border plant with silver gray foliage.
<b>Globe Amaranth</b> (Gomphrena) see Everlastings.					
<b>Gloxinia</b> , see Seeds for Greenhouse.					

See Special Offers on third page of cover.

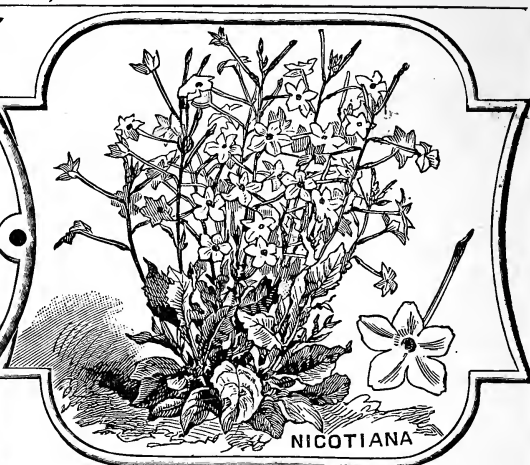
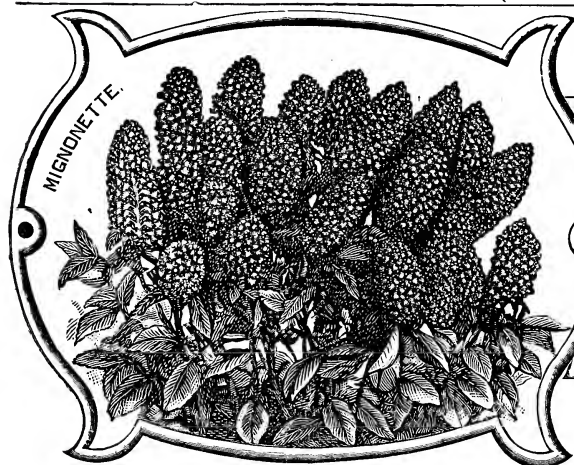


NAME.	Hard and Dur.	H'g't Feet.	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
<b>Godetia</b> , Duchess of Albany.....	hA	1½	white	.75 5	One of the most desirable annuals. They produce throughout the entire season an abundance of beautiful flowers in a great variety of delicate colors. They are of very easy culture and suitable for beds, mixed borders and ribbons.
Gloriosa.....	"	1	red	3.00 5	
Lady Albermarle.....	"	"	crim.	.50 5	
The Bride.....	"	"	w&car	.50 5	
Yellow Queen.....	"	"	yel.	1.00 5	
mixed.....	"	"	mix'd	.40 5	
<b>Gourds</b> (Cucurbita) see Climbers.					
<b>Gynerium</b> , see Ornamental Grasses.					
<b>Gypsophila</b> , cerastioides.....	hP	¾	white	5	Easily grown free flowering plants, suitable for rockwork, shubberies, etc. Their fine feathery appearance makes them especially suitable for bouquets.
elegans.....	hA	1	"	.30 5	
—roesa.....	"	"	rose	.30 5	
muralis.....	"	½	red	.50 5	
paniculata.....	hP	2	white	.30 5	
<b>Hare's Tail</b> , see Ornamental Grasses.					
<b>Hawkweed</b> , see Crepis.					
<b>Helenium</b> Douglasii.....	"	2	yel.	5	Showy single yellow flowers.
Bigelowii.....	"	3	"	10	
<b>Helianthus</b> (Sunflower) argophyllus..	hA	6	"	.20 5	<i>Argophyllus</i> has beautiful silvery foliage. <i>Californicus</i> , large double orange colored flowers. <i>Cucumerifolius</i> is of branching habit and covered with small dark centered flowers. <i>Early Double Flowered</i> produces flowers from July until frost. <i>Folia aurea variegata</i> and <i>nana variegata</i> have beautiful yellow splashed foliage. The <i>multiflorus</i> are showy perennial varieties. <i>Golden Bouquet</i> and <i>Stella</i> are particularly desirable on account of their early blooming qualities. <i>Lenticularis</i> of graceful branching habit. <i>Calliopsis</i> -like. Very fine for cutting.
californicus double.....	"	4	d. yel.	.15 5	
cucumerifolius.....	"	"	yel.	.40 5	
Early Double Flowered.....	"	6	"	.25 5	
folia aurea variegata.....	"	5	"	.25 10	
globulus fistulosus plenus.....	"	4	"	.20 5	
—multiflorus.....	thhP	6	"	.30 5	
—plenus.....	"	5	"	.30 5	
Golden Bouquet.....	hA	3	"	5	
Giant Russian.....	"	7	"	5	
lenticularis (Thousand Flowered).....	"	10	"	.30 5	
nana variegata.....	"	3	"	.30 5	
Oscar Wilde, black centre.....	"	"	"	.30 5	
Stella.....	"	4	"	.50 5	
mixed.....	"	varied	mix'd	.15 5	
<b>Heliopsis</b> Pitcheriana.....	hP	3	yel.	10	
<b>Heliotrope</b> , see Seeds for Greenhouse.					
<b>Helleborus</b> (Christmas Rose) niger...	"	1	pink	5	Will bloom in midwinter if afforded the protection of a cold frame. Transplant every second year.
New Hybrids.....	"	"	mix'd	10	
<b>Hesperis</b> (Sweet Rocket), mixed.....	"	1½	"	5	
<b>Heuchera</b> sanguinea.....	"	2	crim.	2.00 15	Graceful spikes suitable for cutting. Beautiful and showy plants; remarkable for the size and fine colors of flowers. The perennial sorts should be sown early indoors in order to get a successful flowering the same season.
<b>Hibiscus</b> Africanus (African Rose)....	hA	2	yl&br	.35 5	
militaris (Marsh Mallow).....	thP	3½	rose	3.00 5	
moscheutos albus.....	"	3	white	.75 5	
palustris roseus.....	"	"	rose	1.00 5	
Crimson Eye.....	hA	5	w&cr.	10	A very superior strain offered either mixed or in 12 separate colors.
Golden Bowl.....	"	"	yel.	10	
<b>Hollyhock</b> (Athæa Rosea).					
Breck's Silver Medal Strain.....	thP	6	mix'd	2.50 10	

See Special Offers on third page of cover.

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
<b>Hollyhock.</b> — <i>Continued.</i>					
Chater's Double.....	thP	6	mix'd	2.00 10	Imported, mixed or SEPARATE COLORS  { An entirely new type; the flowers are semi-double, finely fringed, and embrace delicate shades of red.
Double, mixed.....	"	"	"	1.00 5	
Single, mixed.....	"	"	"	1.00 5	
Allegheny ..... collection, 12 distinct colors....	"	"	"	6.00 10	
<b>Honesty</b> , see Lunaria.					
<b>Humea</b> , see Seeds for Greenhouse.					
<b>Humulus</b> (Hop), see Climbers.					
<b>Iberis</b> (Candytuft), Gibraltarica .....	hP	¾	pink	10	{ Beautiful, hardy, dwarf-growing, spring flowering plants.
<i>jacunda</i> .....	"	"	crim.	10	
<i>sempervirens</i> .....	"	1	white	5	
<b>Ice Plant</b> , see Mesembryanthemum crystallinum.					
<b>Impatiens</b> sultani (Perennial Balsam).....	hhP	1	scar.	10	{ Brilliant colored, single flowers throughout a long season.
Hybrids, mixed.....	"	varied	mix'd	10	
<b>Inula</b> ensifolia.....	thP	1½	yel.	10	
<b>Ipomæa</b> , see Climbers.					
<b>Iris</b> Kämpferi.....	hP	2	mix'd	5	The beautiful Japanese Iris.
<b>Jacob's Ladder</b> , see Polemonium.					
<b>Job's Tears</b> , see Ornamental Grasses.					
<b>Kaulfussia</b> amelloides, mixed.....	hA	1	mix'd	5	Fine for edging, or beds.
<b>Kenilworth Ivy</b> , see Linaria.					
<b>Lagurus</b> , see Ornamental Grasses.					
<b>Lantana</b> , see Seeds for Greenhouse.					
<b>Larkspur</b> , see Delphinium.					
<b>Lathyrus</b> , see Climbers.					
<b>Lavendula</b> (Lavender), spica.....	hP	2	blue	.25 5	{ Well known, sweet scented flower of the old gardens.
<b>Lavatera</b> arborea variegata.....	hhP	3	red	1.00 5	
<i>alba</i> .....	hA	2	white	.50 5	
<i>trimestris</i> .....	"	3	red	1.00 5	{ The colors are blue, white, lilac, purple and orange. Very attractive.
<b>Leptosiphon</b> hybridus.....	"	1	mix'd	.40 5	
<b>Leptosyne</b> maritima.....	hhA	2	yel.	.75 5	
<i>Stillmani</i> .....	"	"	"	10	{ Large, single flowers, useful for cutting.
<b>Liatis</b> (Blazing Star) pyenostachia .....	hP	3	pur.	5	
<i>spicata</i> .....	"	1½	rose	5	
<b>Limnanthus</b> Douglasii.....	hA	1	w.& y.	5	{ Does well in damp, shady places. Splendid for bees.
mixed.....	"	"	mix'd	5	
<b>Linaria</b> cymbalaria (Kenilworth Ivy).....	hP	trai.	violet	3.00 5	
— <i>alba</i> .....	"	"	white	.40 5	{ Snap dragon shaped flowers desirable for edging and good for rock-work. It is unsurpassed for baskets, vases, etc.
— <i>maroccana</i> .....	hA	¾	rose	.40 5	
— <i>hybrids</i> .....	"	"	mix'd	4.00 5	
<b>Linum</b> (Flax) flavum (Golden Flax).....	thhP	"	yel.	1.25 5	{ Effective and showy plants for beds and borders.
<i>grandiflorum rubrum</i> .....	hhA	"	crim.	.20 5	
<i>luteum</i> .....	"	"	yel.	1.00 5	
Perennial sorts.....	hhP	1	mix'd	.30 5	
<b>Loasa</b> , see Climbers.					
<b>Lobelia</b> erinus. Crystal Palace Compacta .....	thhP	½	d. blue	10	{ Dark blue with white eye. Indigo blue with white eye. Skyblue. Of upright growth.
— <i>compacta oculata</i> .....	"	"	"	5	
— <i>Delicata</i> .....	"	"	"	10	
— <i>Emperor William</i> .....	"	"	blue	5	
— <i>erecta</i> .....	"	¾	"	5	
— <i>Formosa</i> .....	"	½	red	5	
— <i>goldelse</i> .....	"	"	blue	5	
— <i>Gracilis</i> .....	"	trai.	"	5	
— <i>Paxtoniana</i> .....	"	½	b. & w.	5	
— <i>Prima Donna compacta</i> .....	"	"	d. red	10	
— <i>pumila magnifica</i> .....	"	⅓	d. blue	10	{ The best for edging and pots.
— <i>White Gem</i> .....	"	"	white	10	
— <i>Royal Purple</i> .....	"	½	pur.	5	
— <i>speciosa</i> .....	"	trai.	blue	5	{ Purple with white eye. Trailing habit.
<i>cardinalis</i> (Cardinal Flower).....	hP	2	scar.	10	
<i>syphyllitica</i> .....	"	"	blue	10	
<b>Lophospermum</b> , see climbers.					
<b>Lotus</b> Jacobæus.....	hhA	"	br.	.50 5	{ Pretty and interesting plants with small pea-shaped flowers.
— <i>luteus</i> .....	"	"	yel.	.75 5	
<b>Love-in-a-Mist</b> , see Nigella.					

See Special Offers on third page of cover.



NAME.	Hard and Dur.	H'g't Feet.	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
<b>Love-Lies-Bleeding</b> , see <i>Amaranthus caudatus</i> .					
<b>Lunaria</b> biennis (Honesty).....	thB	2	pur.	.40 5	The seed pods make fine winter bouquets.
<b>Lupinus</b> Cruickshanki.....	hP	3	varied	.30 5	
mutabilis.....	"	"	"	.30 5	Showy, easily grown plants, with long spikes of bright colored flowers.
Mixed Annual.....	hA	"	mix'd	.25 5	
—Perennial.....	hP	"	"	.25 5	Bright colored border plants of easy culture.
<b>Lychnis</b> chalconica.....	thP	2	scar.	.50 5	
—alba.....	"	"	white	.50 5	
—mixed.....	"	"	mix'd	.40 5	
fulgens.....	hhP	1	scar.	1.00 10	
haageana hybrida.....	hP	"	mix'd	10	Magnificent spikes of large rosy-purple flowers. Grand for beds or edging.
<b>Lythrum</b> roseum superbum.....	thP	1½	rose	.30 5	
<b>Malcomia</b> (Virginia Stock).....	hA	1	mix'd	.30 5	Fine for cutting.
<b>Malope</b> grandiflora.....	"	2	"	.30 5	
<b>Malva</b> or Mallow, <i>crispa</i> .....	hP	3	"	.30 5	Curled Mallow. Ornamental foliage plant.
miniata (Sunset Plant).....	hhP	4	scar.	.50 5	
<b>Martynia</b> fragrans.....	hhA	2	pur.	.30 5	Stately plants with gloxinia-like flowers that are followed by horn-like fruit. Seed should be sown in a gentle bottom heat.
mixed.....	"	"	mix'd	.30 5	
<b>Marigold</b> , see <i>Tagetes</i> and <i>Calendula</i> .					
<b>Marguerite</b> , see <i>Chrysanthemum frutescens</i> .					
<b>Marvel of Peru</b> , see <i>Mirabilis</i> .					
<b>Mathiola</b> bicornis (Evening Scented Stock).....	hhA	½	white	.25 5	The flowers are closed during the day. Sweet scented at night.
<b>Matricaria</b> (Double Feverfew).					
capensis.....	hA	1	"	.40 5	Continuous bloomers. Fine for bedding or pot culture. Golden Ball is especially fine.
exima (Golden Ball).....	"	1½	yel.	10	
—grandiflora.....	"	1	white	.75 5	
<b>Maurandya</b> , see Climbers.					
<b>Mesembryanthemum</b> crystallinum (Ice Plant).....	hhA	tra.	"	5	Like a warm, sunny situation. They are all effective in beds, rock-work, baskets or vases. <i>M. crystallinum</i> has peculiar glistening foliage.
tricolor (Dew Plant).....	"	¼	rose	5	
—alba.....	"	"	white	5	Well known, fragrant favorites, delightful for working into bouquets. For winter flowering seed should be sown in July or August. All the sorts we offer are very fine, but especial attention is called to Breck's Giant Machet and Golden Machet as being particularly good and the most desirable for pot culture.
mixed.....	"	var.	mix'd	5	
<b>Mignonette</b> ( <i>Reseda odorata</i> ) grandiflora.....	hA	1	w&bf.	.15 5	
—Allen's Defiance.....	"	1½	r. & w.	.70 10	
—Breck's Giant Machet.....	"	"	red	.70 10	
—Crimson Giant or Queen.....	"	"	"	.30 5	
—Gabriele.....	"	"	"	.60 10	
—Golden Machet.....	"	"	yel.	.50 10	
—Golden Queen.....	"	"	"	.50 5	
—Miles' Spiral.....	"	"	white	.30 5	
—Parson's White.....	"	"	"	.30 5	
—Victoria.....	"	"	red	.50 10	
—White Prize.....	"	"	white	.30 10	
<b>Mimosa</b> pudica (Sensitive Plant).....	hhA	½	pink	.75 5	The leaves of this plant close up if touched or shaken.

See Special Offers on third page of cover.

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
<b>Mimulus</b> (Monkey Flower).					
cardinalis.....	thP	1½	mix'd	2.00 5	A genus of extremely handsome, profuse flowering plants, with singularly shaped and brilliant colored flowers. The seed should be sown early indoors.
cupreus duplex (Hose in Hose).....	"	"	spot.	1.00 10	
—hybridus.....	"	"	mix'd	10	
moschatu compacta (Musk).....	"	½	yel.	3.50 10	
Roezii.....	thhP	1	yel.	5.00 15	
tigrinus grandiflora.....	"	"	spot.	5.00 10	
<b>Mirabilis</b> (Marvel of Peru or Four O'Clock)					
hybrid.....	"	"	mix'd	.20 5	Seed should be sown early indoors, and the plants set out when the weather is settled. If desired the roots may be kept over winter in the same way as dahlias. Few plants combine so much beauty of flower and foliage as this genus.
longiflora alba.....	"	"	white	.25 5	
variegated leaved.....	"	"	mix'd	.20 5	
collection 8 varieties.....	30c.	"	"		
<b>Molucella</b> lævis (Shell Flower).....	hA	1	w.&p.	.75 5	Of very curious form, easily grown and worthy of attention.
<b>Momordica</b> , see Climbers					
<b>Monkshood</b> , see Aconitum					
<b>Morning Glory</b> , see climbers					
<b>Morning Glory</b> , dwarf, see Convolvulus tricolor					
<b>Mourning Bride</b> , see Scabiosa					
<b>Musk</b> , see Mimulus Moschatu					
<b>Myosotis</b> (Forget-Me-Not)					
alpestris mixed.....	thP	1	mix'd	.75 5	Charming little plants, very popular, producing their beautiful star-like flowers in great profusion; invaluable for spring garden decoration. The <i>Stricta</i> is an entirely new class of pillar-like form and very attractive. They with the <i>Victoria</i> are the best sorts for pot culture. <i>M. Palustris Tom Thumb</i> is a miniature marsh Forget-me-not that flowers from May until frost.
—alba.....	"	"	white	1.00 10	
—cœrulea.....	"	½	blue	1.00 10	
—rosea.....	"	"	rose	.75 5	
—stricta rosea.....	"	1	"	10	
—cœlestina.....	"	"	blue	10	
—victoria.....	"	"	"	2.50 10	
Azoric.....	"	"	d.blue	10	
—alba.....	"	"	white	10	
palustris.....	"	½	b.&w.	2.50 10	
—semperflorens alba.....	"	"	white	3.50 10	
—Tom Thumb.....	"	¼	blue	10	
<b>Myrsiphyllum</b> , see Seeds for Greenhouse					
<b>Nasturtium</b> , dwarf, see Tropæolum nanum					
<b>Nasturtium</b> , tall, see climbers					
<b>Nelumbium</b> luteum (American Lotus)	hP		yel.	20	See Nymphaea for cultural directions.
speciosum (Egyptian Lotus).....	"		pink	20	
<b>Nemesia</b> strumosa Suttoni.....	hA	1½	var.	10	Sow the seed in light soil in March or April; requires gentle bottom heat.
<b>Nemophila</b> mixed.....	"	var.	mix'd	.20 5	Beautiful and of easy culture.
<b>Nicotiana</b> affinis.....	hhA	3	white	.50 5	Species of Tobacco. The three sorts first named have deliciously fragrant flowers. <i>Collosea</i> is a handsome ornamental foliage plant.
—alata.....	"	"	pink	5	
—atropurpurea grandiflora.....	"	4	crim.	.50 5	
—colosseia.....	"	6	"	10	Seed should be started indoors.
—variegata.....	"	"	"	10	
<b>Nierembergia</b> frutescens.....	"	1	lilac	.50 5	Generally has a white margin. Fine for edging or hanging baskets.
—gracilis.....	"	"	blue	.50 5	
<b>Nigella</b> (Love-in-a-Mist).....	"	¾	mix'd	.30 5	Larkspur-like flowers.
<b>Nolana</b> mixed.....	"	½	"	.30 5	A fine trailer for rockeries.
<b>Nycternia</b> capensis.....	"	"	w.&y.	.50 5	Seed should be sown indoors or in a hotbed in March.
—selaginoides.....	"	"	y.&w.	1.00 5	
<b>Nymphaea</b> cœrulea.....	hhP		blue	15	Seed should be planted during March or April in a tea cup containing two or three inches of soil, and filled up with water. After planting, the cup should be placed in a temperature of from 70 to 80 degrees during germination, which ordinarily takes ten days. When large enough to transplant prick into small pots and place them in a pan of water deep enough to cover the pots about one inch. In June move to tubs or pools of water outdoors.
—dentata (night blooming).....	"		white	15	
—graciles.....	"		"	15	
—odorata alba (white Pond Lily).....	hP		pink	10	
—rosea (Cape Cod Pink).....	"		pink	15	
O'Marana.....	hhP		red	15	
—zanzibarensis aurea.....	"		blue	15	
—rosea.....	"		rose	15	



NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
<b>Ænothera</b> (Evening Primrose) <i>acaulis</i> .	hP	3/4	white	1.50	Fine free flowering plants, suitable for backgrounds, shrubberies, etc.
<i>biennis</i> .....	"	2	yel.	.75	
<i>rosea mexicana</i> .....	hhA	3/4	rose	.75	
annual varieties, mixed .....	"	var.	mix'd	.40	
perennial varieties, mixed .....	hP	"	"	5	Showy plants, pea shaped flowers.
<b>Orobis</b> , mixed .....	"	"	"	5	
<b>Onopordon</b> <i>acanthium</i> (Thistle) .....	hB	6	white	15	Sow seed in pots, transplant without disturbing roots.
<b>Oxalis</b> <i>alba</i> .....	thhP	1/2	white	5	Splendid class of plants with brilliant colored flowers and dark foliage, suitable for rockwork, hanging baskets, vases, etc.
<i>rosea</i> .....	"	"	rose	5	
<i>tropæoloides</i> .....	"	"	yel.	10	
<i>valdiviana</i> .....	"	"	yel.	10	
mixed .....	"	"	mix'd	4.00	5
<b>Pæony</b> , double, mixed .....	hP	2	mix'd	1.50	
single, mixed .....	"	"	"	.50	10
<b>Pampas Grass</b> , see Ornamental Grasses.					
<b>Pansy</b> , see <i>Viola tricolor</i> .					
<b>Papaver</b> (Poppy)—					
<i>alpinum album</i> .....	thP	1	white	5	These beautiful varieties of poppies are so well known that it is needless to say anything in their favor. Quite a number of the perennial varieties bloom the first year from seed if sown early. The alpinum sorts are of low growth and constant bloomers. Cardinal hybrids embrace several shades of rose, chamois, and brick red. Chinese have double feathery flowers. Danebrog, bright scarlet, with a white spot at the base of each petal. Lævigatum single, scarlet, black spots and white margin. Mephisto, scarlet and black spots. Mikado, feathery petals, white fringed with crimson. The nudicaule are all charming sorts that bloom very early. Oriental, one of the best, dark scarlet with a purple spot at the base of each petal. Pavonium, scarlet, with a black horseshoe-shaped blotch at the base of each petal. Shirley is fine for cutting, having long stems. The new strain we offer produces softer and more pleasing shades than we have offered hitherto. Yellow Rose, carnation-flowered
— <i>roseum</i> .....	"	"	rose	5	
—mixed .....	"	"	mix'd	5	
<i>bracteatum</i> .....	"	4	red	.60	
Cardinal, double .....	hA	1 1/2	scar.	2.00	
—hybridum, double .....	"	"	mix'd	1.00	
Chinese, mixed double .....	"	1	sc.&w.	.30	
Carnation, double .....	"	2	mix'd	.25	
Danebrog (Danish Flag) .....	"	"	sc.&w.	.25	
<i>glaucum</i> (Tulip Poppy) .....	"	1	scar.	1.00	
<i>lævigatum</i> .....	"	1 1/2	s. & bl.	1.00	
Mephisto .....	"	2	c. & bl.	.30	
Mikado, double .....	"	1	sc.&w.	.30	
<i>nudicaule</i> (Iceland Poppy) .....	thP	1 1/2	yel.	1.00	
—fl. pl., double .....	"	"	"	10	
— <i>alba</i> .....	"	"	white	1.00	
— <i>aurantiacum</i> .....	"	"	or'ge	10	
— <i>coccineum</i> , double .....	"	"	scar.	10	
—mixed, single .....	"	"	mix'd	.75	
<i>orientale</i> (Oriental Poppy) .....	hP	2	s.&pu.	2.00	
<i>pavonium</i> (Peacock Poppy) .....	hA	1	sc. & b.	1.00	
<i>Pæony</i> -flowered, double .....	"	1 1/2	mix'd	.25	
<i>Ranunculus</i> -flowered .....	"	2	"	.25	
Shirley .....	"	1 1/2	"	.75	
<i>somniferum</i> (Opium Poppy) .....	"	3	white	.30	
<i>umbrosum</i> .....	"	1 1/2	crim.	.30	
Victoria Cross .....	"	"	cr.&w.	.30	
White Swan, double .....	"	2	white	.75	
Yellow Rose, double .....	"	1 1/2	yel.	.75	
collection, 12 annual varieties .....				.50	

See Special Offers on third page of cover.

NAME.	Hard. and Dur.	H'g't Feet	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
<b>Papaver</b> collection, carnation-flowered, 12 colors..... .40	hA	var.	mix'd	.60 10	sort, with pale yellow and rose flowers. Boston Peerless embraces a choice assortment of single and double sorts.
—Pæony-flowered, 12 colors..... .40					
Boston Peerless..... .25					
Collection 6 perennial varieties ..25					
<b>Paris Daisy</b> , see Chry. frutescens.					
<b>Passiflora</b> , see Climbers.					
<b>Paspalum</b> , see Ornamental Grasses.					
<b>Pelargonium</b> , see Seeds for Greenhouse					
<b>Pennisetum</b> , see Ornamental Grasses.					
<b>Pentstemon hybridus atropurpureus</b> ..	thP	2	r. & w.	10	Bell-shaped flowers borne on long spikes. Splendid bedding plant; blooms the first season from early sown seed.
—grandiflorus .....	"	"	mix'd	.50 10	
<b>Perilla Nankinensis</b> .....	hhA	1½		.25 5	Ornamental foliage plants for ribbons and beds.
—macrophylla compacta .....	"	1		.25 5	
<b>Periwinkle</b> , see Seeds for Greenhouse.					
<b>Petunia hybrida</b> , large flowered—					
—alba .....	hA	1½	white	15	Free flowering, sweet scented and easily cultivated, well-known favorites, effective and beautiful in borders, beds, vases, etc. They thrive in almost any soil and produce a brilliant array of color throughout a long season. Breck's Prize is an exceedingly fine strain of large fringed flowers that produces a large percentage of doubles. We call special attention to the collection offered. The seed is all saved from selected pot-grown plants, and we believe will prove perfectly satisfactory.
—blotched and striped.....			stri.	20	
—intus aurea .....			yel.	15	
—kermesina .....			crim.	15	
—Purple King.....			pur.	15	
—superbissima .....			spot.	20	
—fimbriata, or fringed .....			mix'd	25	
—California Giant.....			"	20	
—double .....			"	50	
—Breck's Prize, double .....			"	50	
—Inimitable, double .....			"	50	
—nana compacta, brilliant rose.....			rose	25	
—striped and blotched, double.....			1½ mix'd	50	
—double, mixed .....			"	25	
nana compacta multiflora ¼ oz. 1.00			1 stri.	10	
nyctaginiflora .....			1½ white	.50 5	
—striped and blotched.....			stri.	2.00 10	
choice mixed .....			mix'd	2.00 10	
mixed .....			"	1.00 5	
collection, 12 varieties, large-flowered					
" 6 " " 1.00					
" 12 " double fringed .50					
" 6 " " 1.50					
" 12 " double large .75					
" 6 " flowered.. 1.50					
" 12 " " .75					
<b>Phacelia campanularia</b> .....	"	1	blue	5	Whitlavia-like flowers; showy.
<b>Phaseolus</b> (Flowering Bean), see Climbers.					
<b>Phlox Drummondii grandiflora alba</b> ...	"	"	white	1.00 5	These flowers are of extreme beauty and are greatly admired. Their long duration of bloom, combined with their unequalled richness of color, render them of invaluable service in the flower garden. By making a second sowing they may be had in bloom until frost. They prefer a rich soil and plenty of water.
—atropurpurea .....	"	"	pur.	1.00 5	
—striata .....	"	"	stri.	1.00 5	
—coccinea .....	"	"	scar.	1.00 5	
—Isabellina .....	"	"	yel.	1.00 5	
—oculata alba .....	"	"	w & pu	1.00 5	
—rosea .....	"	"	rose	4.00 5	
—stellata splendens.....	"	"	cr. & w.	6.00 5	
—mixed .....	"	"	mix'd	.75 5	
cuspidata .....	"	"	"	1.00 5	
fimbriata .....	"	"	"	1.00 5	
nana compacta, Snowball.....	"	½	white	4.00 10	
—Fireball.....	"	"	scar.	4.00 10	
double red.....	"	1	red	1.00 10	
—white .....	"	"	white	1.50 10	
—yellow.....	"	"	yel.	10	
—mixed .....	"	"	mix'd	1.50 10	
collection, 12 colors..... .70					
decussata (Perennial Phlox) .....	hP	2	"	1.50 10	Fine foliage which is in grand contrast to the balloon-like seed pods of bright orange red color. The fruit makes excellent preserves.
—nana .....	"	1	"	1.50 10	
<b>Physalis Francheti</b> (Chinese Lantern).	"	2	"	5	



NAME.	Hard and Dur.	H'g't Feet.	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
<b>Pink</b> , see Dianthus.					
<b>Poa</b> , see Ornamental Grasses.					
<b>Polemonium</b> (Jacob's Ladder) <i>cœruleum</i> .....	hP	1½	blue	5	{ (Greek Valerian). Showy, old favorites.
<i>flavum</i> .....	"	"	yel.	5	
<b>Poppy</b> , see Papaver					
<b>Portulaca grandiflora</b> , single scarlet...	hA	½	scar.	.50 5	{ These beautiful little favorites grow best in a light, dry soil. The seed should not be sown until the weather is warm. They are very suitable for edgings, rockwork beds, etc. A percentage of the seed sold as double, produce single flowers; as these bloom earlier they may be recognized and pulled out.
—white.....	"	"	white	.50 5	
—yellow.....	"	"	yel.	.50 5	
—mixed.....	"	"	mix'd	.50 5	
—collection, 6 colors.....	25	"	"	4.00 10	
—double mixed.....	40	"	"	"	
—collection, 6 colors.....	40	"	"	"	
<b>Potentilla</b> , Double.....	hP	1	mix'd	1.25 10	{ Very useful for mixed borders. They last a long time in bloom.
Single.....	"	1½	"	1.00 5	
<b>Primula</b> (Primrose).					
<i>Auricula alpina</i> ..... ¼ oz., 1.00	hhP	½	mix'd	1.00 10	{ These so-called hardy sorts require a cold frame or other protection during winter. They do best in a northern aspect. They are all very beautiful and useful both for garden and pot culture.
<i>Japonica</i> .....	thhP	2	"	.50 10	
<i>vulgaris</i> (English Primrose).....	"	1	yel.	1.00 10	
mixed hardy sorts..... ¼ oz., 3.00	"	var.	mix'd	1.00 10	
<i>veris</i> (Polyanthus) Giant Fancy, ¼ oz., 1.00	"	1	"	1.00 10	
—Duplex (Hose in Hose)..... ¼ oz., 2.00	"	"	"	1.00 10	
—Gold Laced.....	"	"	yel.	1.00 10	
—elator (Cowslip).....	"	"	mix'd	1.00 10	
See also Seeds for Greenhouse.					
<b>Prince's Feather</b> , see <i>Amaranthus cruentus</i> .					
<b>Prickly Poppy</b> , see <i>Argemone</i>					
<b>Pyrethrum</b> (Feverfew).....					
<i>aureum</i> (Golden Feather).....	hhP	1	yel.	1.00 5	{ Golden foliage sorts, used for edging, ribbons, etc.
—Golden Gem.....	"	½	white	1.00 5	
—selaginoides.....	"	"	yel.	1.00 10	
—discoideum.....	"	1	"	1.00 5	{ Showy, aster-like flowers, of long duration; fine for bouquets.
<i>atrosanguineum</i> .....	hP	2	red	1.50 10	
hybrids, single.....	"	"	mix'd	1.50 10	
—double..... ¼ oz., 2.00	"	"	"	1.00 10	
<b>Quaking Grass</b> , see Ornamental Grasses					
<b>Ragged Robin</b> , see <i>Lychnis</i>					
<b>Ranunculus</b> , <i>asiaticus superbissimus</i> ..	thhP	1	mix'd	.75 10	Very showy, double flowers.
<b>Rhodanthe</b> , see <i>Everlastings</i>					
<b>Ricinus</b> , (Castor Oil Plant).					{ Stately, ornamental foliage plants; start seeds indoors.
<i>Borboniensis</i> .....	hhA	15	"	.20 5	Large, dark green foliage.
<i>Cambogensis</i> .....	"	6	"	.40 5	Foliage nearly black.

See Special Offers on third page of cover.

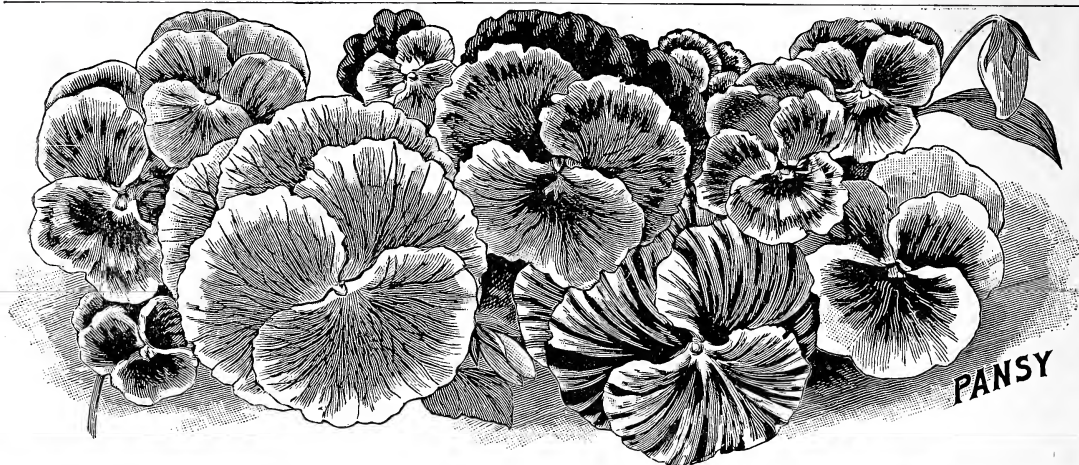
NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per Oz. Pkt.	DESCRIPTION.	
<b>Ricinus.—Continued.</b>						
cœrulescens.....	hhA	10		.20 5	Bluish-green foliage.	
Gibsoni (Duchess of Edinboro).....	"	"		.20 5	Dark stems and foliage.	
Philippinensis.....	"	"		.20 5	Purple foliage.	
sanguineus (Obermanni).....	"	7		.20 5	Red foliage.	
Zanzibariensis maculatus.....	"	10		.30 10	Bronze, changing to dark green; red ribs.	
—mixed.....	"	var.		.30 10		
mixed sorts.....	"	"		.20 5	Foliage light green to purple.	
<b>Rose of Heaven</b> , see <i>Agrostemma</i> , cœli rosea						
<b>Rose Campion</b> , see <i>Agrostemma</i> , coronaria						
<b>Rudbeckia</b> (Cone Flower) bicolor superba.....	hA	2	y. & p.	5	Easily grown, showy, free flowering; grand for borders, and unsurpassed for cutting.	
amplexicaulis.....	"	3	yel.	5		
Golden Glow.....	hP	"	"	5		
Newmanni.....	"	"	y. & p.	5		
<b>Saintpaulia</b> ionantha, see Seeds for Greenhouse						
<b>Salpiglossis</b> grandiflora, tall mixed....	hhA	2	mix'd	.75 5	These beautiful annuals have curiously penciled and marbled, funnel-shaped flowers. Emperor is a new type, producing a great number of very large flowers veined with gold, on a single stem.	
—dwarf mixed.....	"	1	"	.75 5		
—Emperor.....	"	2	var.	10		
collection 6 varieties, tall.....	30					
collection 6 varieties, dwarf.....	30					
<b>Salvia</b> (Flowering Sage) argentea.....	thP	3	white	5	Well-known, late summer, brilliant flower favorites. There is nothing showier than a bed of splendens. The golden foliage variety contrasts splendidly with the scarlet flowers. The deep blue color of patens is also desirable, and this variety should be grown more largely.	
farinacea.....	hA	"	blue	1.00 5		
patens.....	thhA	2	"	15		
prunelloides purpurea.....	hA	"	pur.	1.00 10		
splendens.....	thhP	"	scar.	2.00 10		
—compacta erecta.....	"	1½	d.scar.	10		
—Golden Foliage.....	"	1	scar.	15		
<b>Sanvitalia</b> procumbens fl. pl.....	hA	½	yel.	.50 5		
<b>Saponaria</b> calabrica.....	"	1	pink	.50 5	Charming little plants flowering all the season, splendid for beds or ribbon borders.	
—alba.....	"	"	white	.50 5		
—mixed.....	"	"	mix'd	.50 5		
<b>Scabiosa</b> (Mourning Bride) atropurpurea.....	"	2	pur.	.50 5	Handsome plants for mixed borders, flowers beautifully variegated, useful for bouquets. They should be more generally grown.	
candidissima fl. pl.....	"	1	white	.50 5		
Cherry Red.....	"	2	red	.50 5		
King of Blacks.....	"	"	black	.50 5		
Pompadour.....	"	3	pu&w	2.00 10		
Tall Mixed.....	"	varied	mix'd	.30 5		
Dwarf Yellow.....	"	1	yel.	.30 5		
Drawf Victoria.....	"	"	white	.30 5		
Dwarf mixed.....	"	"	mix'd	.30 5		
collection 6 colors.....	30					
<b>Schizanthus</b> mixed.....	"	1½	mix'd	.30 5	Large flowers, blotched purple and spotted with orange; fine for bedding.	
<b>Schizopetalon</b> Walkeri.....	"	¾	white	.50 5	Beautiful fringed flowers with a delicious almond perfume. Showy little plants for carpet beds or rockwork, they flower profusely. Plant in sandy soil.	
<b>Sedum</b> (Stonecrop) cœruleum ¼ oz. .75	hP	¾	blue	10		
sempervivum.....	"	½	d.red	10		
mixed..... ¼ oz. .75	"	varied	mix'd	5		
<b>Senecio</b> (Jacobea) elegans fl. pl.....	hA	1	mix'd	.75 5	A useful and showy class of gay colored, profuse blooming plants, splendid for beds or pot culture.	
—nana fl. pl. ....	"	½	"	1.00 5		
—pomponicus purpurea.....	"	1	pur.	1.50 5		
—ruber.....	"	"	red	1.50 5		
—tall mixed.....	"	"	mix'd	1.25 5		
<b>Sensitive Plant</b> , see <i>Mimosa</i> .						
<b>Shell Flower</b> , see <i>Molucella</i> .						
<b>Silene</b> (Catchfly) <i>Armeria</i> .....	"	"	mix'd	.25 5	Ornamental free flowering plants with bright colored flowers, suitable for beds, borders, or ribbon gardening.	
pendula rose.....	"	"	rose	.25 5		
—double rose.....	"	½	"	.30 5		
—white.....	"	½	white	.30 5		
—mixed.....	"	½	mix'd	.25 5		
virginica.....	hP	1½	pur.	10		
<b>Smilax</b> (Myrsiphyllum) see Seeds for Greenhouse.						
<b>Snapdragon</b> , see <i>Antirrhinum</i> .						

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NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per Oz. Pkt.	DESCRIPTION.
<b>Tagetes.—Continued.</b>					
—quilled.....	hA	2	or'ge	.40 5	Very ornamental plants coming into bloom in late summer. The African sorts are old favorites. The French varieties are of dwarf habit, flowers beautiful contrasting colors, excellent for beds.
—El Dorado.....	"	"	yel.	.40 5	
—Pride of Garden.....	"	1½	"	.40 10	
—mixed.....	"	2	mix'd	.40 5	
—collection of 6 distinct varieties .25	"				
French tall double.....	"	2	mix'd	.40 5	
—dwarf double.....	"	1	"	.40 5	
—striped.....	"	"	stri.	.40 5	
—purple and gold.....	"	"	pr&yl.	.50 5	
—gold edged.....	"	¾	br&yl.	.50 5	
—mixed.....	"	1	mix'd	.40 5	
—collection 6 distinct varieties.. .25					
— " 12 " " " " .40					
signata pumila.....	"	"	stri.	.50 5	}
—golden ring.....	"	"	or'ge	.50 5	
—Cloth of Gold.....	"	"	yel.	.50 5	
<b>Tassel Flower</b> , see <i>Cacalia</i> .					
<b>Thunbergia</b> , see <i>Climbers</i> .					
<b>Thistle</b> , see <i>Onopordon</i> .					
<b>Thrift</b> , see <i>Armeria</i> .					
<b>Torenia Fournieri</b> .....	tA	1	mix'd	10	{ Valuable for vases, hanging baskets or pot culture.
<b>Tricholæna</b> , see <i>Ornamental Grasses</i> .					
<b>Tritoma</b> (Red Hot Poker Plant)— uvaria grandiflora.....	hhP	3	scar.	1.00 10	{ The flowers are produced in large spikes of orange tinted flower tubes.
<b>Tritonia aurea</b> .....	"	½	or'ge	1.50 10	
<b>Trollius</b> , mixed.....	hP	1	mix'd	2.00 15	{ Dwarf growing bulbous plants, tubular shaped flowers. Beautiful Ranunculus like flowers.
<b>Tropæolum nanum</b> ( <i>Narturtium Dwarf</i> )—					
—Aurora.....	hA	¾	varied	.20 5	} Beautiful bedding plants, unequalled for brightness and variety of coloring. The foliage is generally of a very dark green shade. They are very valuable for bedding and are not surpassed for producing an abundance of flowers for cutting. The Liliput is an entirely new class of charming little Nasturtiums and will become a general favorite. A light soil is most suitable for Nasturtium.
—Beauty.....	"	"	y.&sc.	.20 5	
—black (King Theodore).....	"	"	blk.	.15 5	
—bronze.....	"	"	bro'ze	.15 5	
—cœrulea rosea.....	"	"	peach	.20 5	
—crimson.....	"	"	crim.	.15 5	
—Crystal Palace Gem.....	"	"	spot.	.15 5	
—Cloth of Gold.....	"	"	yel.	.20 5	
—Empress of India, dark leaved....	"	"	crim.	.20 5	
—Golden King.....	"	"	yel.	.25 5	
—King of Tom Thumbs.....	"	"	scar.	.20 5	
—Lady Bird (Bird Flower).....	"	"	o.&r.	.20 5	
—Pearl.....	"	"	white	.20 5	
—Ruby King.....	"	"	carm.	.20 5	
—rose.....	"	"	rose	.20 5	
—scarlet.....	"	"	scar.	.20 5	
—spotted.....	"	"	spot.	.20 5	
—yellow.....	"	"	yel.	.20 5	
—Breck's Rainbow Mixture.....	"	"	mix'd	.20 5	
—collection 12 distinct varieties. .50					
Liliput.....	"	½	"	1.00 15	
<b>Tropæolum Majus</b> , see <i>Climbers</i> .					
<b>Trumpet Vine</b> , see <i>Climbers</i> .					
<b>Valeriana</b> .....	hP	2	mix'd	.50 5	{ Large bright flowers for mixed borders or shrubberies. Golden yellow, daisy like flowers.
<b>Venidium calendulaceum</b> .....	hhA	1	yel.	.50 5	
<b>Venus-Looking-Glass</b> , see <i>campanula speculum</i> .					
<b>Verbena hybrida</b> , <i>Auricula-flowered</i> ...	thhP	"	mix'd	2.00 10	} One of the best bedding plants in cultivation. Unrivalled as a constant bloomer, brilliancy of flower and sweet fragrance. Montana is a perfect gem. The plant literally covers itself during the summer with bright rose colored flowers.
—candidissima compacta.....	"	¾	white	10	
—coccinea compacta.....	"	"	scar.	2.50 10	
—cœrulea.....	"	1	blue	2.00 10	
—Defiance.....	"	"	scar.	2.00 10	
—Golden Leaved.....	"	"	mix'd	2.50 10	
—Italica striata.....	"	"	stri.	2.00 10	
—Mammoth.....	"	1½	mix'd	2.00 10	
—mixed, choice.....	"	1	"	1.50 10	
—good.....	"	"	"	1.00 5	
Montana.....	hP	"	rose	.50 5	
lemon scented ( <i>Aloysia</i> ) see <i>Seeds for Greenhouse</i> .					

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NAME.	Hard. and Dur.	H'gt Feet	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
<b>Veronica</b> .....	hP	2	mix'd	10	Well-known favorites that are much in demand on account of their fragrance and profusion of bloom. They are very easily grown from seed, although they frequently take a long time to germinate.
<b>Vinca</b> , see Seeds for Greenhouse.					
<b>Viola</b> (Violet) cornuta, admiration....	hhP	½	d. blue	10	
—Mauve Queen .....	"	"	pur.	10	
—Magnificent .....	"	"	l. blue	10	
—White Perfection .....	"	"	white	10	
odorata semperflorens .....	"	"	blue	10	
—alba .....	"	"	white	10	
—The Czar .....	"	"	violet	10	
—The White Czar .....	"	"	white	10	
mixed .....	"	"	mix'd	10	
<b>Viola Tricolor</b> (Pansy)—					Pansy is one of our specialties. Nearly all the seed we offer is grown for us under contract, by persons who give special attention to their particular pet strain. For size and form of flowers, variety and brilliancy of colors and markings, there is nothing approaches those we offer. <i>Breck's Boston Prize</i> is an American strain and is superior to any European mixture. Mr. Bugnot annually grows for us the seed we offer under his name. The flowers are immensely large and wonderful in their coloring. The <i>English</i> and <i>Scotch Prize Pansies</i> are remarkably fine; they are from the finest collections in these countries. Our Trimardeau Pansies embrace the cream of that type, and will give perfect satisfaction in every particular. Pansies repay good treatment in profusion and size and brightness of flower, as well as in large, handsome foliage. They delight in a cool moist soil and a situation that protects them from cutting winds as well as the midday sun. To obtain large flowers early in spring seed should be sown in July or August and the plants protected with a frame during winter. Spring sown seed does very well, although
Breck's Boston Prize .....	thP	1	"	\$12 25	
Breck's International Prize .....	"	"	"	6.00 15	
Bugnot's Private Strain .....	"	"	"	50	
Bugnot's Blotched .....	"	"	"	25	
Belgian Blotched .....	"	¾	"	2.50 10	
Cassier's Giant Odier .....	"	"	"	4.00 20	
English Fancy .....	"	"	"	4.00 25	
—Show .....	"	"	"	4.00 25	
Lyon Perfection .....	"	"	"	7.00 15	
Scotch Prize .....	"	"	"	5.00 25	
Trimardeau or Giant Mixed .....	"	"	"	4.00 10	
—atropurpurea .....	"	"	pur.	4.00 15	
—Emperor William .....	"	"	blue	4.00 15	
—golden yellow .....	"	"	yel.	5.00 15	
—Golden fire spotted .....	"	"	var.	7.00 15	
—King of the Blacks .....	"	"	d. pur.	5.00 15	
—Lord Beaconsfield .....	"	"	y. & w.	5.00 15	
—striped .....	"	¾	stri.	4.00 15	
—yellow marbled .....	"	"	var.	4.00 15	
—white, dark eye .....	"	"	w. & p.	4.00 15	
Large-flowered, azure-blue .....	"	½	blue	2.00 10	
—black, yellow eye .....	"	"	b. & y.	2.00 10	
—bronze .....	"	"	br'nze	2.00 10	
—brown .....	"	"	red	2.00 10	
—candidissima .....	"	"	white	2.00 10	
—Cardinal .....	"	"	red	3.00 10	
—dark blue .....	"	"	d. blue	2.00 10	
—Emperor William .....	"	"	blue	2.00 10	
—fawn .....	"	"	fawn	2.00 10	
—Faust, or King of Blacks .....	"	"	black	2.00 10	
—gold margined .....	"	"	var.	2.00 10	
—Havana brown .....	"	"	br.	2.00 10	
—Lord Beaconsfield .....	"	"	b. & w.	2.00 10	
—Mahogany color .....	"	"	var.	2.00 10	
—dark, white edge .....	"	"	"	2.00 10	
—striped .....	"	"	"	2.00 10	
—Victoria .....	"	"	red	2.00 10	
—violet .....	"	"	var.	2.00 10	

See Special Offers on third page of cover.

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower	Price Per Oz. Pkt.	DESCRIPTION.
<b>Viola Tricolor.</b> — <i>Continued.</i>					
—choice mixed.....	thP	½	mix'd	2.00 10	the flowers produced are not so large.
—fine mixed.....	"	"	"	1.00 5	
—collection, 18 colors.....80					
—collection, 12 colors.....60					
—collection, 6 colors.....30					
<b>Virginian Creeper</b> , see Climbers					
<b>Virgin's Bower</b> , see Climbers					
<b>Viscaria</b> cardinalis.....	hA	1	scar.	1.00 5	Showy flowers produced throughout the season; fine for beds.
oculata cœrula.....	"	"	blue	5	
<b>Wahlenbergia</b> (Bell Flower) grandiflora.....	hP	2	"	1.00 5	Large and showy border plants with bell-shaped flowers. Allied to the Campanula.
—alba.....	"	"	white	.75 5	
<b>Waitzia</b> , see Everlastings					
<b>Wallflower</b> (Cheranthus)					
double German.....	hhP	1	mix'd	4.00 10	Beautiful border plants with fragrant flowers ranging in velvety shades of brown and yellow. The annual sort is a decided acquisition.
single German.....	"	"	"	.50 5	
single annual.....	hA	"	"	10	
<b>Whitlavia</b> grandiflora.....	"	"	blue	5	Flowers are bell shaped and produced throughout the entire season.
—alba.....	"	"	white	5	
<b>Wigandia</b> caracasana.....	hhP	6	lilac	5	Beautiful decorative plants, richly veined foliage and bright colored stalks.
imperialis.....	"	"	"	5	
<b>Xeranthemum</b> , see Everlastings					
<b>Yarrow</b> , see Achillea					
<b>Zea</b> , see Ornamental Grasses					
<b>Zinnia</b> , tall double					
—Breck's Defiance.....	hA	2	mix'd	1.00 5	Breck's Defiance is without exception the finest strain of large double zinnias offered. The plants are of vigorous branching habit and produce freely immense double flowers in an endless variety of splendid colors; not the old hard red but innumerable delicate and velvety shades. The separate colors are saved from the same collection which is admitted to be the finest in Europe. Seed sown early in heat will begin to bloom in June and continue until frost.
—carmine.....	"	"	car.	1.00 5	
—crimson.....	"	"	crim.	1.00 5	
—flesh pink.....	"	"	flesh	1.00 5	
—golden yellow.....	"	"	yel.	1.00 5	
—light yellow.....	"	"	"	1.00 5	
—lilac.....	"	"	lilac	1.00 5	
—purple.....	"	"	pur.	1.00 5	
—rose.....	"	"	rose	1.00 5	
—scarlet, light.....	"	"	scar.	1.00 5	
—scarlet, dark.....	"	"	"	1.00 5	
—striped.....	"	"	strip.	1.00 5	
—white.....	"	"	white	1.00 5	
dwarf, mixed.....	"	"	mix'd	1.50 5	
dwarf, also in above colors separate..	"	"	"	1.50 5	
collection 6 colors.....30	"	"	"		
large robust.....	"	"	mix'd	1.50 5	
Lilliput.....	"	¾	"	1.00 10	
Tom Thumb.....	"	½	"	1.00 10	
Curled and Crested.....	"	1	"	1.00 10	
Haageana, double.....	"	"	yel.	1.25 10	
<b>CLIMBERS.</b>					
<b>Abobra</b> viridiflora.....	hhP	10	scar.	1.00 5	Dark green foliage, scarlet fruit.
<b>Aclumia</b> (Mountain Fringe or Allegheny Vine) cirrhosa.....	hB	15	flesh	1.00 5	Foliage resembles Maiden Hair Fern. Sow in a shady place in spring and transplant carefully in September.
—purpurea.....	"	"	pur.	1.00 5	
<b>Ampelopsis</b> quinquefolia (Virginia Creeper).....	hP	30		.25 5	Nothing better for veranda, foliage beautiful in autumn.
Veitchii (Boston or Japanese Ivy)....	"	50		.25 10	
<b>Aristolochia</b> (Dutchman's Pipe) elegans.....	hhP	25	br.&yl	1.00 10	Very large, showy foliage.
sipho.....	hP	"	"	10	
<b>Balloon Vine</b> , see cardiospermum.					
<b>Beans</b> , running, see Phaseolus.					
<b>Bignonia</b> radicans (Trumpet Vine)....	"	"	scar.	1.00 10	Fine foliage and brilliant flowers.
<b>Byronopsis</b> erythrocarpa.....	hhA	10		.40 5	The green fruit changes to scarlet and white.
<b>Calampelis</b> , scabra	thP	6	or'ge	10	
<b>Cardiospermum</b> (Balloon Vine) haliacabum.....	"	8	white	5	Pea-shaped flower of many pleasing colors.
<b>Centrosema</b> grandiflora (Butterfly Pea)	hP	6	varied	10	
Virginica.....	"	"	"	10	

See Special Offers on third page of cover.

NAME.	Hard and Dur.	H'g't Feet.	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
<b>Clematis</b> (Virgin's Bower) <i>flamula</i> ..	hP	15	white	5	These are general favorites.
Large Flowering Hybrids.....	"	var.	mix'd	10	
<i>paniculata</i> .....	"	15	white	5	
<b>Cobæa</b> <i>macrostemma</i> .....	hhP	20	gr&yl	10	Start the seeds in heat, setting them on edge, and cover half an inch. They flower most profusely when planted in sandy or light soil.
<i>scandens</i> .....	"	"	pur.	.75 5	
— <i>alba</i> .....	"	"	white	1.00 5	
<b>Coccinea</b> <i>indica</i> .....	hhA	10	"	5	White flowers, scarlet fruit. <i>Convolvulus Major</i> is the old favorite. The other two sorts are new and fine, especially the Japanese <i>Morning Glory</i> . They bear large and wonderfully colored flowers.
<b>Convolvulus</b> <i>major</i> (Morning Glory)...	hA	"	mix'd	.10 5	
—Imperial Japanese.....	"	20	"	.50 10	
— <i>purpurea</i> fl. pl. (Double Morning Glory).....	"	15	w.&r.	10	These are all of rapid growth, ornamental foliage, and produce very curious fruit. The inside of the Dish Cloth Gourd is useful for bathing, etc. Beautiful oval-shaped fruit.
<b>Cucumis</b> <i>erinaceous</i> (Hedge Hog Gourd)	hhA	8	yel.	5	
<i>acatangulus</i> (Rag or Dish Cloth G'd)	"	"	"	5	
<i>flexuosus</i> (Snake Cucumber).....	"	10	"	5	The inside of the Dish Cloth Gourd is useful for bathing, etc. Beautiful oval-shaped fruit.
<i>perennis</i> .....	tP	15	"	5	
<b>Cucurbita</b> , see Gourds.					
<b>Cyclanthera</b> <i>pedata</i> .....	hhA	10		5	Beautiful, sweet-scented flowers, followed by ornamental pods.
<b>Cypress Vine</b> , see <i>Ipomæa quamoclit</i> .					
<b>Dolichos</b> <i>lablab</i> (Hyacinth Bean).....	hA	"	pur.	.20 5	
— <i>alba</i> .....	"	"	white	.20 5	Beautiful, sweet-scented flowers, followed by ornamental pods.
—mixed.....	"	"	mix'd	.15 5	
<b>Dutchman's Pipe</b> , see <i>Aristolochia</i> .					
<b>Echinocystis</b> <i>lobata</i> (Wild Cucumber).	hhA	12	green	5	Soak the seed 8 hours, plant eye down. White spotted fruit. Small striped fruit. Ornamental and curious. Useful.
<b>Gourds</b> <i>angora</i> .....	"	8		5	
Apple-shaped.....	"	10		5	
Bottle-shaped.....	"	"		5	White Nest Egg. Useful. Small and very odd. Very long. Very beautiful.
Dipper-shaped.....	"	15		5	
Egg-shaped.....	"	10		5	
Gooseberry-shaped.....	"	6		5	Used as water holders. All ornamental.
Hercules' Club.....	"	15		5	
Lemon-shaped.....	"	6		5	
Orange-shaped.....	"	"		5	Quick growers, form a fine screen. The H. J. Variegated bears beautiful green and white leaves.
Pear-shaped.....	"	10		5	
Sugar-Trough.....	"	15		5	
Mixed.....	"	var.		.25 5	Fine, fast growing, free blooming plants of the <i>Morning Glory</i> family. The varied and many hues of its many species and varieties are exceedingly beautiful. They are all useful for covering trellis work, verandas, etc.
Collection, 12 varieties.....	50				
<b>Humulus</b> (Hop) <i>Japonica</i> .....	hA	12		.50 5	
—Variegated.....	"	15		.50 10	Large trumpet flowers.
<i>lupulus</i> (Common Hop).....	hhP	20		5	
<b>Ipomæa</b> <i>bona-nox</i> (Evening Glory)....	hhA	15	white	.25 5	
<i>coccinea</i> (Star <i>Ipomæa</i> ).....	hA	10	scar.	.20 5	A graceful climber with flowers somewhat resembling <i>Digitalis</i> .
Heavenly Blue.....	hhA	"	blue	1.00 5	
<i>hederacea superba</i> (Ivy-leaved).....	"	"	"	.50 5	
<i>Leari</i> .....	tP	15	"	10	Curious flowers. Golden yellow fruit, warted, when ripe opens disclosing its brilliant colored interior.
<i>limbata elegantissima</i> .....	hhA	10	b&w	.30 5	
<i>Mexicana grandiflora alba</i> .....	"	15	white	.75 10	
<i>noctiflora</i> (Moon Flower).....	"	"	"	10	Well known and useful, ornamental climbers.
<i>setosa</i> (Brazilian Morning Glory)....	hhP	10	red	5	
<i>quamoclit</i> (Cypress Vine).....	hhA	"	scar.	.30 5	
—white.....	"	"	white	.30 5	Rapid growing, slender climber; extremely pretty flowers, freely produced.
—mixed.....	"	"	mix'd	.25 5	
<b>Lathyrus</b> (Sweet Pea), see next page.					
<b>Lophospermum</b> <i>scandens</i> .....	tP	"	pur.	5	Large trumpet flowers.
<b>Maurandya</b> <i>Barclayana</i> .....	ttP	"	"	10	
<i>Emeryana rosea</i> .....	"	"	rose	10	
mixed.....	"	"	mix'd	10	Golden yellow fruit, warted, when ripe opens disclosing its brilliant colored interior.
<b>Mina</b> <i>lobata</i> .....	tA	15	w.&r.	10	
<b>Mommordica</b> <i>balsaminia</i> (Balsam Apple).....	"	10		5	
— <i>charantia</i> (Balsam Pear).....	"	"		5	Interesting and beautiful. The seed should be started in heat.
<b>Nasturtium</b> , see <i>Tropæolum</i>					
<b>Passiflora</b> (Passion Flower), <i>cœrulea</i> ..	tP	30	blue	10	
<i>coccinea</i> .....	"	20	scar.	10	Well known and useful, ornamental climbers.
<i>incarnata</i> .....	"	"	rose	10	
<b>Phaseolus</b> <i>Multiflorus</i> (Climbing Bean)					
Scarlet Runner.....	hhA	10	scar.	5	Rapid growing, slender climber; extremely pretty flowers, freely produced.
White Runner.....	"	"	white	5	
<b>Thunbergia</b> <i>alata</i> .....	"	5	o. & b.	5	
— <i>alba</i> .....	"	"	white	5	Well known and useful, ornamental climbers.
mixed.....	"	"	mix'd	.75 5	

See Special Offers on third page of cover.



**Sweet Peas** (*Lathyrus odoratus*). It is a part of the "florist's" business to improve on natural types and multiply forms, colors and combinations. Those who are familiar with Sweet Peas and desire to grow a representative selection of really worthy sorts, in a reasonable space, have for a few years been more troubled than helped by the long lists of varieties, and in some cases vain attempts to describe differences, printed in the catalogues of the leading seedsmen. Three years ago we described and offered fully 150 kinds under name. Now there are more than 200 more or less distinct sorts grown and sold by the trade. This increase only leads to greater confusion, and growers of this fragrant favorite are put to needless labor and disadvantage in having to choose from such an extended list.

The Sweet Pea Bi-Centenary Celebration held at the Crystal Palace, London, England, July 20 and 21, 1900, afforded extraordinary information on which to base a reduced list and yet retain all that is desirable and distinct. We have taken advantage of this and now submit the following 64 varieties as entirely worthy and distinct sorts.

To further simplify matters for those who cannot or do not care for the complete collection we name the three **best scarlets**, the three **best whites** and the three **best blues** that were selected as the most distinct in these classes for the **Ten Guinea Prize** offered by Messrs. Cooper, Taber & Co., London.

We also give for the benefit of those who desire a larger assortment, the selection made by the *Gardener's Chronicle*.

We were the first seedsmen in America to popularize these gems of beauty and fragrance, and we still maintain our position with the largest stock of the best strains of the kinds that give satisfaction to planters.

The *American Florist* of July 11, says:—"In connection with the Sweet-Pea Conference which will be held in London this month, it should be stated that Joseph Breck & Sons, of Boston, were the first in this country to introduce the Eckford varieties in 1885."

The *Evening Transcript*, in its report of the Special Sweet Pea Exhibit of the Massachusetts Horticultural Society, July 23, 1900, says:—Saturday was prize day for Sweet Peas, and the large centre table was nearly filled with collections composed of the newest and finest kinds in such a variety of colors as was unknown a few years ago. All the prizes were awarded and besides those that took prizes exhibits were made by (here followed quite a list of exhibitors, showing the interest taken in and importance of the exhibition).

The first prizes in the two principal exhibits were secured by Mr. H. B. Watts, Leicester, Mass., namely, for 30 vases of sweet peas, named varieties, arranged with their own foliage, and display of named varieties, 6 sprays in each vase. The seeds from which these prize lots were grown were bought of Joseph Breck & Sons.

Mr. Watts also secured with Breck's seeds the first prize offered for named Sweet Peas by the Worcester Horticultural Society, season of 1900.

Seeds should be sown as early as possible, in drills six inches deep. At the time of sowing cover only with one inch of soil and fill in the drill as the young plants grow, taking care not to cover the top of the plants. A deep, rich, soil and a sunny situation is best.

## THE BEST NINE SWEET PEAS.

### SCARLET SHADES.

Gorgeous,  
Mars,  
Salopian,

### WHITE SHADES.

Blanche Burpee,  
Sadie Burpee,  
Snowdrift,

### BLUE SHADES.

Countess Cadogan,  
Lady Grisel Hamilton,  
Navy Blue.

## THE BEST TWENTY SWEET PEAS.

**Earliest of All, Captivation, Chancellor, Coronet, Emily Eckford, Gorgeous, Lady Grisel Hamilton, Lady Mary Currie, Lottie Hutchins, Lovely, Mars, Mrs. Eckford, Navy Blue, Othello, Prince Edward of York, Prince of Wales, Princess of Wales, Royal Rose, Sir George White, Triumph.**

**The Collection of Nine for 40 cents. The Collection of Twenty for 80 cents.**

**Breck's Boston Mixture.** This includes in good proportion the following 64 varieties. Oz., 10 cents; ¼ lb. 25 cents; lb., 75 cents.

Eckford's Mixture, lb., 60 cents.

Good Mixture, lb., 60 cents.

Sixty one-ounce packages, sorts named below, for \$3.00.

### General List.

10 cts. per ounce; 5 cts. per pkt., except as noted.

Aurora. Flaked orange-salmon, largest striped  
Black Knight. Deep maroon  
Blanche Burpee. Large, pure white  
Blanche Ferry, Extra Early. Fine pink and white  
Blushing Bride. Bright rose and white  
Brilliant. Bright scarlet, sunproof  
Captain of the Blues. Standard light maroon  
Captivation. Beautiful claret color  
Chancellor. Bright shade of orange-pink  
Colonist. Soft lilac, overlaid with rose  
Coquette. Primrose-yellow, shaded pale lavender  
Coronet. White, striped orange-pink

Countess Cadogan. Reddish-mauve  
Countess of Aberdeen. Soft pink, turning to pale rose  
Crown Jewel. Primrose ground, veined with violet-rose  
Daybreak. Watered crimson-scarlet on white ground  
Duke of Sutherland. Deep claret and indigo-blue  
Earliest of All. Pink and white, 10 days earlier than others  
Emily Eckford. Reddish-mauve standard, wings blue  
Emily Henderson. Pure white, blooms quite early  
Emily Lynch. Deep, rosy-pink, shaded buff  
Firefly. A fiery shade of scarlet  
Gorgeous. Salmon-orange, wings softer and deeper  
Gray Friar. Watered purple on white ground

See Special Offers on third page of cover.

**SWEET PEAS.—Continued. GENERAL LIST.**

Harvard. The true Harvard crimson	Prince Edward of York. Standard'scarlet, wings rose
Juanita, or Celestial. White, striped lavender	Prince of Wales. Bright rose
Lady Grisel Hamilton. Pale lavender-blue	Princess of Wales. Striped, mauve on white
Lady Mary Currie. Orange-pink, shaded rosy-lilac	Queen Victoria. Primrose, overlaid with faint purple
Lady Nina Balfour. Very delicate mauve	Ramona. White, daintily splashed with pale pink
Little Dorrit. Pink standard, white wings	Red Riding-Hood. Rosy-pink.
Lottie Eckford. White, suffused with lavender-blue	Royal Rose. Deep rosy-pink
Lottie Hutchins. Cream, flaked with pink	Sadie Burpee. Very large and fine. Pure white
Lovely. Soft shell-pink	Salopian. Very fine scarlet
Maid of Honor. White, edged with blue	Senator. Striped. Bright brown and chocolate
Mars. Very bright scarlet, large, and finely formed	Sensation. White, suffused with faint blush
Modesty. Delicate shade of pink	Shahzada. Dark maroon, shaded purple
Mont Blanc. As early as "Earliest of All." Pure white,	Sir George White. A very fine white
fine form. 20 cts. pkt.	Snapdragon. A white "Red Riding-Hood."
Mrs. Eckford. Beautifully shaded primrose-yellow	Snowdrift. A splendid white
Mrs. Jos. Chamberlain. Striped bright rose on white	Splendor. Superb bright rose, shaded crimson
Navy Blue. Largest size, deep violet-blue	Stanley. Rich, dark maroon
New Countess. Beautiful lavender	Stella Morse. Primrose, flushed pink
Othello. Deep glossy maroon	Triumph. Standard orange-pink, wings white, flushed
Pink Friar. Carmine-rose, suffused on silvery white	Venus. Salmon-buff, shaded rosy-pink
Prima Donna. A lovely, soft shade of pink	Double Sweet Peas. Mixed in eleven varieties

**10 cents per ounce ; 5 cents per pkt., except as noted.**

**Cupid Sweet Peas.** These beautiful little miniature plants produce large sized flowers quite freely, and in dry seasons they are in some respects preferable to the tall growing kinds.

	Oz.	Pkt.
Apple Blossom. Large, beautifully hooded flowers, borne four on a stem. Bright rose and pink		\$0.20
Alice Eckford. Rich cream tinted standard, white wings	\$0.10	.05
Beauty. Standard rose colored, shaded lighter, wings rosy carmine	.10	.05
Boreatton. Standard rich wine brown with deeper veinings, wings deep mauve	.15	.10
Captain of the Blues. Standard reddish-purple, tinted with violet, wings approaching deep blue		.20
Countess of Radnor. Standard lavender, suffused with rose, wings light lavender	.15	.10
Firefly. Standard glowing scarlet, wings deep, rich rose	.15	.10
Pink Cupid. Bright pink	.10	.05
Primrose. A rich creamy tint	.10	.05
Royalty. Deep rosy-pink		.20
Stella Morse. Standard buff, tinted with apricot, wings soft rosy carmine		.20
White Cupid. Pure white. The first of this race	.10	.05

**Bush Sweet Peas.** Gray Friar. Grows in perfect bush form and does not require a trellis.

Height about 18 inches. The flowers are all borne at the top of the plants	.15	.05
Monarch. True bush habit. Flowers bronzy-maroon	.40	.10

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per Oz. Pkt.	DESCRIPTION.
<b>Lathyrus latifolius albus</b> ( Perennial Pea )	hP	10	white	.50 10	A beautiful perennial climber, also useful for borders; excellent for cutting.
—Pink Beauty	"	"	pink	1.00 10	
—mixed	"	"	mix'd	.75 10	
<b>Tropæolum majus</b> (Climbing Nasturtium)					We call especial attention to our strains of Tall and Dwarf Nasturtiums. <i>They are really beautiful scarce named varieties.</i> We have them grown for us by the most successful cultivator of this popular flower in the world. We assort the varieties ourselves, and can thus assure customers of their obtaining, not only the most vigorous strain in existence, but the greatest number of shades and delicate colors. The mixture includes white, pink, rose, scarlet, crimson, brick, claret, garnet, orange, primrose, yellow, etc. For list of Dwarf varieties see page 111.
—atropurpureum	hA	"	d.crm.	.15 5	
—coccineum	"	"	scar.	.15 5	
—cœruleum roseum	"	"	d. rose	.15 5	
—Dunnett's Orange	"	"	or'ge	.15 5	
—Edward Otto	"	"	lilac	.15 5	
—Heinemann's	"	"	choc.	.15 5	
—hemisphericum	"	"	or'ge	.15 5	
—King Theodore	"	"	mar.	.15 5	
—luteum	"	"	yel.	.15 5	
—regelianum	"	"	violet	.15 5	
—Scheurvanium	"	"	sul.	.15 5	
—coccinium	"	"	stri.	.15 5	
—mixed	"	"	mix'd	.15 5	
—collection, 12 colors				.50	
<b>Tropæolum Lobbianum</b> , Asa Gray.	hhA	8	white	.60 10	More delicate in flower and foliage than Tropæolum major, but equally desirable. The flowers, though smaller, are more conspicuous and of many splendid colors.
—Brilliant	"	"	scar.	.30 10	
—Crown Prince	"	"	d. red	.30 10	
—Giant of Battles	"	"	carm.	.30 10	
—Good Venture	"	"	mix'd	.25 10	
—Lili Smith	"	"	cr. & sc	.30 10	
—Lucifer	"	"	d.crm	.30 10	
—Napoleon III.	"	"	stri.	.30 10	
—Roi des Noirs	"	"	black	.30 10	
—Spitfire	"	"	scar.	.30 10	
—mixed	"	"	mix'd	.30 10	

See Special Offers on third page of cover.



NAME.	Hard and Dur.	H'g't Feet.	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
<b>Tropæolum Lobbianum.</b> — <i>Continued.</i>					
—collection, 12 colors.....				.50	
Mad. Gunther's Hybrids.....	hhA	8	mix'd	.25 10	
Peregrinum (Canary Bird Flowers) ..	"	"	yel.	.50 10	
<b>Trumpet Vine</b> , see Bignonia.					
<b>Virginia Creeper</b> , see Ampelopsis.					
<b>SEEDS FOR GREENHOUSE.</b>					
<b>Abutilon</b> (Chinese Bell Flower).					
choice hybrids..... 1/8 oz. 1.00	tP	4	mix'd	15	} <i>Tennysonian</i> is a new Californian strain of the greatest excellence. It embraces all desirable colors. Of very graceful form. They bear a wealth of fragrant golden yellow flowers.
<b>Tennysonian</b> ..... " 1.00	"	"	"	10	
<b>Acacia albicans</b> .....	"	"	yel.	10	
dealbata.....	"	6	"	10	
mixed.....	"	varied	"	.50 10	
<b>Achimenes</b> .....	"	1	mix'd	20	} Fine, summer blooming greenhouse plants.
<b>Aloysia citriodora</b> .....	"	"	"	25	
<b>Asparagus plumosa nana</b> .....	"	6	"	20	
Sprengeri.....	"	2	"	20	} Beautiful fern-like plants, that withstand the atmosphere of the living rooms better than ferns. With a little care, there is no difficulty in raising these from seed. They are very free flowering, and are adapted both for greenhouse cultivation and summer bedding. Our seed is from the finest collection in England.
<b>Begonias</b> , tuberous rooted—					
—Breck's International prize, single.	"	"	"	25	
—double.....	"	"	"	50	
—erecta cristata grandiflora.....	"	"	"	50	
—collection, 12 distinct colors... 1.00					
— " 6 " " ... .50					
<b>Rex</b> , Ornamental Leaved.....	"	1	"	25	} These well-known and favorite plants are especially suitable for growing in the living rooms; they withstand any amount of abuse and are always beautiful in addition to their fine flowers and sweet perfume, they have lovely foliage. The <i>Semperflorens</i> type are excellent for summer bedding.
<b>Semperflorens</b> .....	"	1 1/2	rose	20	
—alba.....	"	"	white	20	
—rosea.....	"	"	rose	20	
—Vernon.....	"	"	carm.	20	
—compacta.....	"	1/2	"	20	
—yellow leaved.....	"	"	scar.	20	
—Bedders.....	"	"	mix'd	20	
—Zulu King.....	"	"	red	20	
<b>Baumanni</b> .....	"	"	rose	20	
<b>Credneri</b> .....	"	"	white	20	
<b>Hybrida Hero</b> .....	"	"	rose	20	
<b>Pioneer Odorata</b> .....	"	"	"	20	

See Special Offers on third page of cover.

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
<b>Calceolaria</b> , Breck's Scotch Prize . . . . .	tP	2	mix'd	50	The strains of this universal favorite offered by us are saved from the best collections, and are PRIZE WINNERS wherever exhibited. Splendid greenhouse plants with beautifully striped, blotched and variegated flowers. Sow in pans or shallow boxes filled with light sandy soil that has been sifted. Sow moderately thick in rows on the surface and cover very lightly with Sphagnum moss, water very carefully with an atomizer, when large enough to handle transplant singly into 2-inch pots.
Dalkeith Park . . . . .	"	"	"	25	
James' Giant . . . . .	"	"	"	50	
William's Prize . . . . .	"	"	"	50	
Large Flowered Selfs . . . . .	"	"	"	25	
—spotted . . . . .	"	"	"	25	
Dwarf Large Flowered . . . . .	"	1	"	50	
rugosa (Shrubby) For bedding . . . . .	"	1½	"	25	
<b>Chrysanthemum</b> , Chinese . . . . .	hhP	3	"	10	
—pompon . . . . .	"	1½	"	10	
Japanese . . . . .	"	3	"	10	The "Queen of Autumn." The seed we offer is saved from the best sorts only and includes everything desirable.
—pompon . . . . .	"	1½	"	10	
mixed . . . . .	"	var.	"	10	BRECK'S COLUMBIA is an American strain. Those who have grown it claim it to be superior in habit of plant, size, form and color of flowers to any of the European selections. We especially recommend it. Florists and private gardeners throughout the United States endorse its superiority.
<b>Cineraria grandiflora</b>					
—Breck's Columbia . . . . .	tP	1½	mix'd	50	
—Covent Garden . . . . .	"	"	"	50	
—James' Prize . . . . .	"	"	"	50	
—Nana . . . . .	"	1	"	50	Fine summer blooming plants with magnificent pea-shaped flowers. Bedding plants with beautiful colored foliage. Easily grown from seed.
—Plenissima, double . . . . .	"	1½	"	50	
<b>Clanthus Dampieri</b> . . . . .	"	3	scar.	10	
magnificus . . . . .	"	4	crim.	10	
<b>Coleus</b> , choicest mixed . . . . .	"	2	"	10	
fringed and blotched . . . . .	"	"	"	20	Continual bloomers. Adapted for bedding and for house and conservatory decoration.
large leaved varieties . . . . .	"	"	"	20	
<b>Cuphea</b> (Cigar Plant) <i>miniata</i> . . . . .	thhP	1	"	5	
—compacta . . . . .	"	¾	mix'd	10	
—platycentra . . . . .	"	1	s. & w.	10	
<b>Cyclamen giganteum</b>					Easily grown, free-flowering, bulbous plants for pot culture. Breck's Imperial is unsurpassed for size, form, profusion and variety of delicate colored flowers. It has eclipsed all others on the exhibition tables at the Mass. Horticultural Society's exhibitions. The several varieties offered here are grown for us by the leading cyclamen growers of Europe, and are at least equal in quality to any obtainable. <i>Bush Hill Pioneer</i> is the first of a new race; each petal has a distinct crest or feather upon its face. <i>The Double Flowered</i> sort makes a fine contrast to the single varieties. Ornamental plants for greenhouse, also useful for vases. <i>Indivisa</i> has narrow, green leaves. The mid rib of <i>Veitchii</i> is a deep red color.
—Breck's Imperial . . . . .	tP	"	mix'd	50	
—album (Mont Blanc) . . . . .	"	"	white	50	
—atropurpureum . . . . .	"	"	d. red	50	
—Crimson King . . . . .	"	"	crim.	50	
—Duke of Connaught . . . . .	"	"	d.crim	50	
—picturatum . . . . .	"	"	w.&p.	50	
—Princess May . . . . .	"	"	pink	50	
—Princess of Wales . . . . .	"	"	red	50	
—Rosy Moon . . . . .	"	"	rose	50	
—sanguineum . . . . .	"	"	d. red	50	
—Sunray, pink and claret . . . . .	"	"	p. & c.	50	
—White Swan . . . . .	"	"	white	50	
—William's Prize . . . . .	"	"	mix'd	25	
—Bush Hill Pioneer . . . . .	"	"	white	50	
—Large Double Flowered . . . . .	"	"	mix'd	50	
Persicum, mixed . . . . .	"	½	"	25	
<b>Dracæna Australis</b> . . . . .	"	8	"	25	Sweet-scented bulbous plants. Well known plants of easy culture. They require a firm, rich soil and shady location.
—indivisa, per 1000 seeds . . . . .	"	"	"	10	
—Veitchii . . . . .	"	3	"	25	
<b>Ferns</b> , collection 12 fine sorts . . . . .	"	"	"	1.25	Velvety foliage, spotted flowers. Allied to Gloxinia.
<b>Freesia refracta alba</b> . . . . .	"	2	white	10	
<b>Fuchsia hybrida</b> Single . . . . .	"	var.	mix'd	25	The seed here offered embraces the cream of several European Prize Collections. It is the very choicest obtainable, and includes colors, shades and markings that beggar description.
—Double . . . . .	"	"	"	25	
<b>Geranium</b> , see <i>Pelargonium</i> .					<i>Cyclops</i> is carmine with white edge
<b>Gesnera</b> , veined hybrids . . . . .	"	½	"	50	
<b>Gloxinia hybrida grandiflora</b>					
—Aigburth crimson . . . . .	"	1	crim.	50	
—Avalanche . . . . .	"	"	white	50	
—coelestina . . . . .	"	"	b. & w.	50	
—Cyclops . . . . .	"	"	c. & w.	50	
—Defiance . . . . .	"	"	scar.	50	
—Goliath . . . . .	"	"	pur.	50	

See Special Offers on third page of cover.

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
<b>Gloxinia.</b> — <i>Continued.</i>					
—Hetherset Hybrid.....	tP	1	mix'd	50	spotted red. <i>Goliath</i> , purple-violet spotted, throat carmine, white edge spotted violet. <i>Hetherset Hybrid</i> is one of the most beautiful offered.
—Princess Maud.....	"	"	c.& w.	50	
—French Spotted and Striped.....	"	"	spot.	50	
—Giant Hybrids.....	"	"	mix'd	50	
<b>Grevillea robusta</b> .....	"	4	oran.	1.00 10	Graceful foliage plant.
<b>Heliotropium</b> (Heliotrope).					Well-known bedding and pot plants that are highly prized for their delightful fragrance. They are of the easiest culture and prefer a light, rich soil.
Chieftain (dark).....	"	"	d.pur.	10	
Snowball.....	"	"	white	10	
Giant Hybrids, mixed.....	"	2	mix'd	10	
<b>Humea elegans</b> .....	hhB	4	red	10	Handsome, sweet-scented pot plants.
<b>Lantana hybrida</b> .....	tP	2	mix'd	5	Suitable for pots and beds.
<b>Lapageria rosea</b> .....	"	15	rose	25	Beautiful greenhouse climber.
<b>Musa ensete</b> (Banana).....	"	10		25	Splendid foliage plant.
<b>Myrsiphyllum</b> (Smilax)— asparagoides.....	"	"	white	.75 10	A beautiful climber; flowers have a sweet orange fragrance.
<b>Pelargonium</b> (Geranium)— apple-scented.....	"	1½	pink	15	
double scarlet.....	"	2	scar.	10	General favorites; indispensable for indoor and outdoor decoration. The seed we offer is saved from first-class varieties.
Ivy-leaved.....	"	"	mix'd	20	
Zonale.....	"	"	"	10	
show pelargoniums.....	"	"	"	50	
<b>Periwinkle</b> , see <i>Vinca</i> .					
<b>Primrose</b> , see <i>Primula</i> , General List, page 84.					
<b>Primula sinensis</b> (Chinese Primrose)— Breck's Superb.....	"	¾	mix'd	50	To secure good results in growing these favorites the planter must be sure to obtain the very best strains only. Our seed is the cream of several collections that are recognized as the best in Europe. <i>Breck's Superb</i> is the finest strain in existence; vigor of plants, size, substance and variety of delicate shades of flowers are its features.
Alba Magnifica.....	"	"	white	50	
alba oculata lutea (white, yellow eye).....	"	"	w.& y.	50	
Chiswick Red.....	"	"	crim.	50	
coccinea, scarlet, yellow eye.....	"	"	scar.	50	
cristata hybrida.....	"	"	mix'd	25	
cœrulea.....	"	"	blue	50	
James' Prize.....	"	"	mix'd	50	
Magnum Bonum.....	"	"	d. red	50	
rubra violacea.....	"	"	d crim	50	
Snowball (Queen of Whites).....	"	"	white	50	
Snowdon (immense trusses).....	"	"	"	50	
Fern-leaved Giant Flowering.....	"	"	mix'd	50	
—mixed.....	"	"	"	25	
double mixed.....	"	"	"	50	
obconica grandiflora.....	"	"	white	15	
—rosea.....	"	"	rose	25	
—fimbriata.....	"	"	white	25	
<b>Saintpaulia ionantha</b> .....	ttP	½	blue	25	Beautiful violet-like flowers.
<b>Stevia eupatoria</b> .....	tP	1½	white	5	Valuable for pots and borders. Fine for bouquets.
Lindleyana.....	"	"	rosy	5	
<b>Streptocarpus</b> , imp. hybrida.....	"	1	mix'd	25	Magnificent climber.
<b>Tacsonia</b> Van Volexemi.....	"	10	scar.	10	
<b>Vinca</b> (Periwinkle) alba.....	ttP	3	white	1.00 5	Tender evergreen plants, suitable for pot culture or planting out.
rosea.....	"	"	rose	1.00 5	
—alba.....	"	"	ro.&w.	1.00 5	Handsome single flowers and glossy foliage.
—mixed.....	"	"	mix'd	1.00 5	
<b>EVERLASTINGS.</b>					
Useful for winter bouquets.					
<b>Acroclinium album</b> .....	hhA	1	white	.40 5	Graceful plants, with daisy-like flowers; useful for winter decorations. The flowers should be gathered when young.
—fl. pl.....	"	"	"	.40 5	
roseum.....	"	"	rose	.40 5	
—fl. pl.....	"	"	"	.40 5	
mixed.....	"	"	mix'd	.40 5	
<b>Ammobium alatum</b> .....	hhP	2	white	.40 5	Gather before fully expanded to pre-serve for winter.
grandiflorum.....	"	"	"	.40 5	
<b>Globe Amaranth</b> , see <i>Gomphrena</i> .					
<b>Gomphrena aurea superba</b> .....	hA	1½	or'ge	.40 5	These are old favorites for winter bouquets, and were formerly called "Bachelor's Buttons." The flowers are globular in form, of delicate colors, and retain their beauty for years. They should be grown in an enriched sandy loam.
globosa alba.....	"	"	white	.40 5	
—rosea.....	"	"	rose	.40 5	
—striata.....	"	"	stri.	.40 5	
—violacea.....	"	"	violet	.40 5	
—mixed.....	"	"	mix'd	.40 5	

See Special Offers on third page of cover.



NAME.	Hard and Dur.	H'g't Feet.	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
<b>Gomphrena.</b> — <i>Continued.</i>					
—nana compacta rubra .....	hA	1	red	5	These are the best known of all everlastings. The flowers are of large size and bright colors. The flowers should be gathered when partially unfolded and suspended with their heads downward in a cool place. They prefer a rich loamy soil.
— — — alba .....	"	"	white	5	
<b>Helichrysum</b> bracteatum, single .....	"	1½	yel.	.50 5	
—album.....	"	"	white	5	
—Fireball.....	"	"	crim.	.75 5	
monstrosum album, double.....	"	"	white	.75 5	
—luteum, double .....	"	"	yel.	.75 5	
—purpureum, double.....	"	1½	pur.	.75 5	
—roseum, double.....	"	"	rose	.75 5	
—double mixed.....	"	"	mix'd	.75 5	
—nanum, dwarf double.....	"	1	"	.75 5	
<b>Helipterum</b> , Sanfordi.....	"	"	yel.	5	Small foliage, large clusters of white and golden star-like flowers.
corymbiflorum.....	"	"	white	5	
<b>Rhodanthe</b> maculata..	hhA	1½	r.& w.	5	Very beautifully formed flowers.
—alba .....	"	"	white	5	
—mixed .....	"	"	mix'd	5	
Manglesii.....	"	1	rose	5	
<b>Shortia</b> Californica.....	hA	"	yel.	5	Flowers in clusters; should be gathered early.
<b>Waitzia</b> grandiflora.....	hhA	"	"	1.00 10	
<b>Xeranthemum</b> album fl. pl.....	hA	2	white	5	A showy class of everlastings. The flowers retain their color and form a long time.
purpureum fl. pl.....	"	"	pur.	5	
mixed double.....	"	"	mix'd	5	
<b>ORNAMENTAL GRASSES.</b>					
A large number of these grasses, if cut before they are fully matured, will be useful in the formation of winter bouquets, mixed with everlastings.					
collection, 12 distinct sorts.....				.50	
<b>Abyssinian</b> Grass, see <i>Poa Amabilis</i> ..					
<b>Agrostis</b> nebulosa.....	hA	1½		5	Fine plumes for bouquet.
<b>Andropogon</b> argenteus.....	hP	4		5	Dense, silky, with bright, white hairs.
<b>Animated</b> Oats, see <i>Avena sterilis</i>					
<b>Arundo</b> conspicua .....	"	8		5	New Zealand Pampas Grass.
Donax fol. variegatis.....	"	"		10	Finely striped foliage.
<b>Avena</b> sterilis (Animated Oats).....	hA	2½		10	The well-known Quaking Grass.
<b>Briza</b> gracilis.....	"	1		5	
maxima.....	"	2		5	
<b>Bryzopyrum</b> siculum.....	"	¾		5	Good for edging.
<b>Bromus</b> brizaeformis.....	hP	1½		5	Excellent for winter bouquets.
<b>Chloris</b> barbata.....	tP	1		5	Very effective in borders, slender and elegant, good for bouquets.
elegans.....	"	¾		5	

See Special Offers on third page of cover.

NAME.	Hard, and Dur.	H'g't Feet.	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
<b>Chloropsis</b> Blanchardiana.....	tP	3		10	Flowers of a bright rose color.
<b>Chrysurus</b> aureus.....	hA	1		5	Golden spikes, desirable.
<b>Coix</b> lachryma (Job's Tears).....	"	1½		5	} The dry seeds make fine strings of beads for children.
<b>Eleusine</b> oligostachya.....	"	1		10	
<b>Eragrostis</b> elegans (Love Grass).....	"	"		5	Three horns, very pretty.
<b>Erianthus</b> ravennæ.....	hP	8		10	For borders and bouquets
<b>Eulalia</b> Japonica.....	"	6		10	Resembles Pampas Grass.
<b>Feather Grass</b> , see <i>Stipa pennata</i> .					Magnificent.
<b>Festuca</b> pectinella.....	"	½		5	} Useful for edging and bouquets.
<i>viridis</i> .....	"	"		5	
<b>Gynerium</b> argenteum (Pampas Grass).....	tP	7		10	} Most stately of all grasses. <i>G. jubatum</i> has fine silvery red flowers.
<i>jubatum</i> .....	"	6		10	
<b>Hare's Tail</b> , see <i>Lagurus</i> .					
<b>Hordeum</b> jubatum.....	hA	2		5	Squirrel Tail Grass.
<b>Isolepis</b> gracilis.....	hhP	½		10	Pretty rush-like grass.
<b>Job's Tears</b> , see <i>Coix</i> .					
<b>Lagurus</b> ovatus (Hare's Tail).....	hA	1½		5	
<b>Pampas Grass</b> , see <i>Gynerium</i> .					
<b>Paspalum</b> elegans.....	"	2		10	} Pretty for borders or shrubberies.
<b>Pennisetum</b> longistylum.....	"	1½		5	
<b>Poa</b> amabilis (Abyssinian Grass).....	"	2		10	Distinct and beautiful.
<b>Stipa</b> elegantissima.....	hP	"		10	} Excellent for bouquets.
<i>pennata</i> (Feather Grass).....	"	"		5	
<b>Tricholæna</b> rosea.....	"	1		10	
<b>Tripsacum</b> dactyloides.....	"	¼		10	Pretty for edging.
<b>Uliola</b> latifolia.....	hA	3		10	Useful for bouquets.
<b>Zea</b> Japonica variegata (Maize).....	"	"		5	} The leaves are beautiful, striped with white, rose and yellow.
<i>—gigantea quadricolor</i> .....	"	4		10	
<b>Mixed</b> .....	"	var.		5	

## WILD GARDEN SEEDS.



Any one who has cultivated flowers in neatly laid out beds, or carefully planned ribbon borders, is aware of the amount of labor and constant attention necessary to produce the desired effect. To those who cannot give this care, we offer "Wild Garden Seeds," a mixture of over one hundred varieties of hardy flower seeds. No one who has not seen such a bed can form an idea of its possibilities, the different seasons of bloom insuring something new almost every day. Half-oz. packets, 20 cts.

### BRECK'S COLLECTIONS OF FLOWER SEEDS.

COLLECTION "A," price 25 cts., contains one packet each of Mignonette; Alyssum, white; Sweet Peas, fine mixed; Phlox Drummondii, fine mixed; Portulaca, fine mixed; Chinese Pink, fine mixed.

COLLECTION "B," price 50 cts., contains the varieties in Collection "A," with the following in addition: Nasturtium, Tom Thumb, fine mixed; Candytuft, finest mixed; Aster, German, fine mixed; Pansy, finest mixed; Eschscholtzia, fine mixed; Morning Glory, fine mixed.

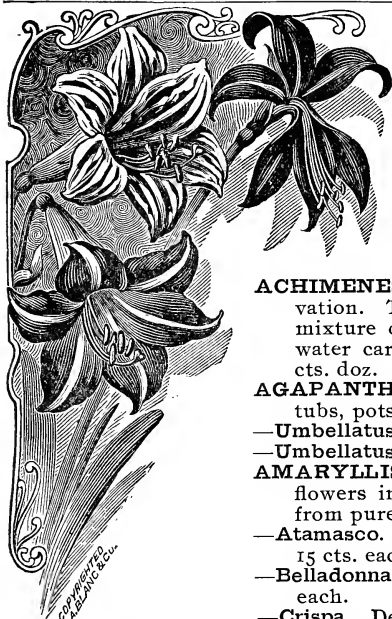
COLLECTION "C," price 75 cts., contains the varieties in Collections "A," and "B," with the following in addition: Coreopsis, fine mixed; Balsam, fine mixed; Zinnia, fine mixed; Mourning Bride, fine mixed; Petunia, finest mixed; Calendula, "Meteor," yellow.

COLLECTION "D," price \$1.00, contains the varieties in Collections "A," "B" and "C," with the following in addition: Tall Nasturtium, fine mixed; Marigold, French, striped; Larkspur, dwarf Rocket; Poppy, double mixed; Convolvulus, dwarf mixed; Chrysanthemum, fine mixed; Antirrhinum, finest mixed.

COLLECTION "E." *This assortment produces a fine effect in the garden and all the sorts are suitable for bouquets.* Price 50 cts. Abronia, Ageratum, Amaranthus Bicolor, Aquilegia Aster Chrysanthemum-flowered, Calliopsis Collinsia, Dianthus Chinensis, Godetia, Mignonette, Phlox Drummondii, Zinnia.

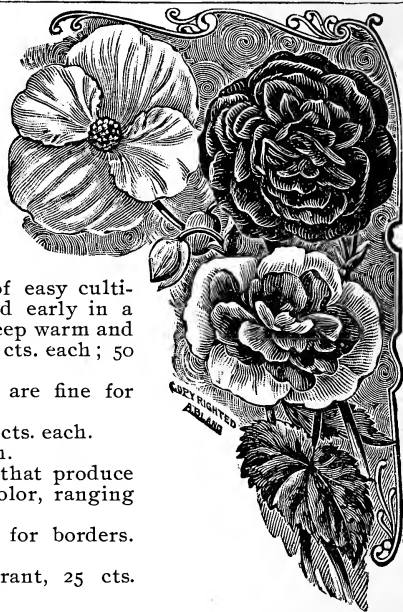
COLLECTION "F." The following kinds are *especially suitable for growing in vases or hanging baskets.* Price 25 cts. Alyssum Maritimum, Convolvulus Mauritanicus, Dwarf Nasturtiums, Lobbs' Nasturtiums, Lobelia Gracilis, Mimulus Moschatus.

See Special Offers on third page of cover.



Amaryllis.

# BULBS AND PLANTS.



Begonias.

**ACHIMENES.** Free flowering plants of easy cultivation. The bulbs should be potted early in a mixture of loam and leaf mold. Keep warm and water carefully. Assorted colors, 5 cts. each; 50 cts. doz.

**AGAPANTHUS.** African Lily. These are fine for tubs, pots, vases, etc.

—**Umbellatus, Lily of the Nile.** Blue, 50 cts. each.

—**Umbellatus, Albus.** White, 50 cts. each.

**AMARYLLIS.** Lovely lily-like plants that produce flowers in almost every shade of color, ranging from pure white to deep crimson.

—**Atamasco.** Pink and white. Showy for borders. 15 cts. each; \$1.50 per doz.

—**Belladonna Major.** Rosy pink, fragrant, 25 cts. each.

—**Crispa.** Deep pink. 25 cts. each.

—**Defiance.** Carmine with white stripes. 60 cts. each.

—**Equestre.** The flowers measure five or more inches across, and are bright, sparkling orange-red, with a green and white star at the centre. 20 cts. each; \$2.25 per doz.

—**Formosissima.** (Jacobean Lily). Blooms freely out of doors; flowers deep velvety crimson. 15 cts. each; \$1.75 doz.

—**Johnsonii.** Large crimson and white flowers. 40 cts. each; \$4.00 per doz.

—**Lutea.** (Sternbergia). Showy yellow, autumn flowering variety. 15 cts. each; \$1.50 per doz.

—**Vallotta Purpurea.** Crimson-scarlet flowers, borne in clusters of five or six on a long stem. A fine sort for pot culture. 50 cts. each; \$4.00 per doz.

—**Vittata.** Red and white grounds, beautifully peaked with many tints. 50 cts. each.

**APIOS TUBEROSA.** A pretty, hardy, native climber. Flowers resemble the well-known Wistaria; very fragrant. 10 cts. each; \$1.00 per doz.

**ANEMONES.** (Wind-Flower.) Japonica. Two feet, September. Of free, vigorous habit of growth, and in autumn producing a continuous abundance of bright red flowers. 20 cts. each; \$2.25 per doz.

—**Japonica Alba.** Two feet, September. An excellent companion to the preceding sort. The flowers are pure white with yellow centre, fine for cutting. 20 cts. each; \$2.25 per doz.

—**Japonica. Whirlwind.** This plant is of more vigorous growth than either of the two preceding, and has handsomer, broader and thicker foliage. The distinct, pure-white, semi-double flowers appear in August and continue until frost. 25 cts. each; \$2.50 per doz.

**BEGONIA. Tuberous Rooted.** These are desirable plants for bedding. The flowers are not destroyed by rain storms, but seem to shine more brilliant after every shower. The colors are varied and beautiful. Our bulbs are from the same source as our seed and are superior. Single flowered sorts, **Red, Crimson, Scarlet, Rose, Pink, White, Yellow, Gold and Bronze, Striped and Flaked.** 10 cts. each; \$1.00 per doz.; \$7.00 per 100.

—**Single Flowered.** Mixed colors, 6 cts. each; 50 cts. per doz.; \$3.50 per 100.

—**Double Flowered Sorts.** Same colors as the single kind. 15 cts. each; \$1.50 per doz.

—**Double Flowered Mixed.** 12 cts. each; \$1.25 per doz.

**BESSERA ELEGANS.** (Coral Drop.) Bright scarlet flowers, borne on stems about two feet high. Will bloom from shortly after planting until frost. 5 cts. each; 50 cts. per doz.

**CALADIUM ESCULENTUM.** Beautiful, ornamental foliage plant. The leaves are of immense size, light green, with darker veins. Will grow in any good garden soil, to a height of five feet. Dry bulbs, according to size, 10, 15 and 20 cts. each; \$1.00 to \$2.00 per doz. Bulbs started in pots, 20 and 25 cts. each; \$2.00 to \$3.00 per doz. Special Offer No. 3 only applies to Caladiums.

**CALLA LILIES.** White. 25 cts. each; \$2.50 per doz.

—**Little Gem.** 25 cts. each; \$2.50 per doz.

**CINNAMON VINE.** Hardy climber, shining green foliage, fragrant white flowers. 6 cts. each; 50 cts. per doz.

**CRINUM.** Amaryllis-like bulbous plants, suitable for pot or open ground culture.

—**Capense.** Bright Rose. 25 cts. each.

—**Kirkii.** Large white, purple-striped flowers borne on dark purple-colored stems, two feet high; 40 cts. each.

—**Ornatum.** Delicate blush with a pink stripe through the centre. Very fragrant. 35 cts. each.

**CYCLAMEN.** Suitable for pot culture only. Plant the bulbs in a light, rich soil, and water sparingly till started.

—**Persicum Giganteum.** Mixed colors, 25 cts. each; \$2.50 per doz. Started plants in pots, 50 cts. to \$1.00 each.

See Special Offers on third page of cover.

## LARGE FLOWERING DWARF FRENCH CANNAS.

*Our Cannas are all started plants ; not dry bulbs.*



Cannas.

lead to many wonders in Cannas. Height, five feet; flowers, yellow, speckled with golden-yellow; much larger and more attractive in every way than any other variety; foliage, light green veined with dark green.

**Jules Chretien.** Height, four feet; flowers, bright red, very large; foliage, deep green.

**Madame Crozy.** Height,  $3\frac{1}{2}$  feet; flowers, crimson-scarlet, bordered with yellow; foliage, deep green.

**Martha Washington.** Height, three feet; flowers, pure bright rose; foliage, green. 25 cts. each; \$2.50 per doz.

**President Cleveland.** In many respects the best variety yet introduced. Height,  $3\frac{1}{2}$  feet; flowers, a peculiar bright red, and very massive; foliage, deep green.

**Philadelphia.** Height, three feet; flowers, intense scarlet; foliage, green. 25 cts. each; \$2.50 per doz.

**President Carnot.** Height, four feet; flowers, orange-scarlet; foliage, chocolate-maroon. 20 cts. each; \$2.00 per doz.

**Queen Charlotte.** Height, four feet; flowers, blood red, banded with bright canary-yellow; foliage, bluish-green.

**Robert Christie.** Height, four feet; flowers, orange-scarlet; foliage, green. 25 cts. each; \$2.50 per doz.

**Souv. d'Antoine Crozy.** Height, three feet; flowers, intense scarlet-crimson with a broad, rich golden-yellow edge; foliage, deep green.

**Sunbeams.** Height, three feet; flowers, golden yellow; foliage, green. 20 cts. each; \$2.00 per doz.

**Vesuvius.** Height, four and one-half feet; flowers, crimson-scarlet; foliage, dark green.

**Victor Hugo.** Height, four feet; flowers, scarlet; foliage, quite dark.

Price 15 cts. each; \$1.00 per dozen, *except as noted.*

*Cannas are not subject to any of our Special Offers.*

**CONVOLVULUS. Moon Flower, or Evening Glory.** The flowers of this lovely climber are very large, freely produced, pure white in color and very fragrant. They open in the evening and are wonderfully attractive. They should not be set out until danger of frost is past. 15 cts. each; \$1.50 per doz.

See Special Offers on third page of cover.

The appreciation of the improvements in Cannas shown by the public has resulted in increased effort being made to still further enhance their value as ornamental plants. We know of nothing so effective in foliage or continuous in flower as these new Dwarf French Cannas. They are very popular, and they are certainly entitled to a place in every garden. There are now a great many sorts being catalogued, but those

here described are the best in size, substance and colors of flowers and foliage.

**Alphonse Bouvier.** Height, five feet; flower, crimson-scarlet; foliage, green.

**Admiral Courbet.** Height, four feet; flowers, yellow, speckled with orange-scarlet; foliage, green.

**Austria.** Height, four feet; flowers, pure yellow, very large and exceedingly beautiful; foliage, musa-like in color and form.

**Charles Henderson.** Height,  $3\frac{1}{2}$  feet; flowers deep crimson; foliage, green.

**Chicago.** Height, four feet; flowers, vermillion-scarlet, shaded orange; foliage, deep green. 20 cts.; \$2.00 per doz.

**Duke of Marlborough.** Height, four feet; flowers, a deep crimson maroon; foliage, green. 25 cts. each; \$2.50 per doz.

**Egandale.** Height, four feet; flowers, bright red; foliage, purple.

**Florence Vaughan.** Height,  $3\frac{1}{2}$  feet; flowers, golden-yellow, spotted with bright red; foliage, a deep green.

**F. R. Pierson.** Height,  $3\frac{1}{2}$  feet; flowers, bright scarlet; foliage, green.

**Geoffry St. Hillaire.** Height, five ft.; flowers, glowing orange; foliage, chocolate.

**Gold Coin.** Height, three feet; bright lemon-yellow, spotted with light orange; foliage, deep green. The flower spikes are large and borne well above the foliage.

**Gustav Sennholz.** Height,  $3\frac{1}{2}$  feet; flowers, silvery rose, mottled with salmon; foliage, deep green.

**Italia.** The most beautiful and valuable variety yet introduced; this with *Austria* forms the beginning of a distinct type that will doubtless

**CYCLOBOTHR FLAVIA.** This golden gem is of great beauty and easily grown; the habit of plant and bloom is similar to Bessera; the color is clear golden yellow, with intense black spots on each petal. 8 cts. each; 80 cts. per doz.

**CACTUS.** These plants require absolutely no care. They grow for months in the house or garden without watering, and increase in value yearly. Their flowers are of exquisite beauty and fragrance, and their curious forms render them exceedingly interesting. In winter they require scarcely any water.

We send by mail ten fine plants of blooming size, each one distinct and named, for \$1.00, or five for 50 cts.

**CHRYSANTHEMUMS, POMPON AND HARDY.** Eighteen varieties for garden cultivation. They include a much greater diversity of color and form than has hitherto been obtainable, we are sure they will delight all who plant them.

While they are all hardy, it is well to give them a protection with leaves or litter during winter.

Each 20 cts.; per doz. \$2.00.

—**Viscount de Vere**, lilac-pink; **Grunnewold**, pink; **La Vogue**, yellow; **Souvenir de Jersey**, yellow; **Mlle. Martha**, white; **Blushing Bride**, white, shaded pink; **Rio des Precoses**, red, shaded bronze; **Emily Roebottom**, anemone white; **Snowdrop**, white; **Gen. Canrobert**, yellow; **Bronze Bride**, bronze; **Sœur Melane**, white; **Mme. des Granges**, white; **Julius Lagrave**, dark red, late keeper; **Rose Trevenna**, pink; **Bob**, brown and white; **Model of Perfection**, lilac; **Mme. La Count de Franchise** de Cannel, bronze; **Golden Fleece**, bright yellow.

**CHRYSANTHEMUMS.** We offer these from one of the largest and best collections in the country. If what you want is not included in the lists here named, send us your list, we can furnish every desirable variety.

**A. Waterer**, bronze yellow; **Charity**, pink; **Cullingfordi**, crimson; **Day Dawn**, white; **E. M. Bigelow**, red; **Edith M. Hollis**, white; **Golden Queen**, yellow; **Golden Wedding**, yellow; **Gettysburg**, red; **Hicks Arnold**, yellow; **Infatuation**, white; **Indiana**, pink; **J. L. Canning**, white; **Lady Playfair**, pink; **Lilian B. Bird**, pink; **Major Bonnafon**, yellow; **Mrs. Phipps**, white; **Mayflower**, white; **Mrs. George West**, pink; **Mrs. S. Morgan**, yellow; **Octoroon**, red; **Pink Ivory**, pink; **Silver Cloud**, white; **Tuxedo**, yellow. Ready for delivery after the middle of April. 15 cts. each; \$1.50 per doz.

**CARNATIONS.** For blooming in the garden we can furnish three colors that will flower if set out after the middle of May, from July until frost.

—**Scarlet, Crimson, White.** Extra strong plants from pots. 25 cts. each; \$2.50 per doz.

—**Mound Pinks.** These old favorites, if given enough room, form a pretty mound of bluish-green foliage and produce freely beautiful, blush-pink, fragrant flowers. 20 cts. each; \$2.00 per doz.

—**Margaret.** This is the new class that blooms from seed in about four months. About 90 per cent of the flowers are double. All very sweet scented and they embrace a great variety of delicate shades. They are exceedingly useful for cutting. Strong plants, 15 cts. each; \$1.50 per doz.

**DAHLIAS. Large Double Show.** Named sorts in a large variety of colors. 15 cts. each; \$1.50 per doz.

—**Pompon, or Small-Flowered Double.** Really more desirable and popular than the foregoing. Named sorts in a great variety of colors. 15 cts. each; \$1.50 per doz.

—**Single Flowered.** From a grand collection. 15 cts. each; \$1.50 per doz.

—**Cactus.** Large double and single flowered. 20 cts. each; \$2.00 per doz.

—**Hardy. Golden Ball.** Height four feet, furnished with pretty dark-green foliage, which in fall just shows through the covering of beautiful double golden-yellow flowers that last till frost. Seeds, per pkt., 5 cts. Extra strong plants, each, 15 cts.; per doz., \$1.50.

**GLADIOLI.** This valuable and easy cultivated class of bulbs is not half appreciated. They can be grown in beds or borders, and a continuous bloom can be kept up from June till frost by a succession of planting. Fine mixed varieties, doz., 25 cts.; 100, \$1.75. Named sorts, mixed, doz., 30 cts.; 100, \$2.00. **Scarlet** shades in mixture, doz., 20 cts.; 100, \$1.50. **Crimson** shades in mixture, doz., 20 cts.; 100, \$1.50. **Pink** shades in mixture, doz., 35 cts.; 100, \$2.75. **White** shades in mixture, doz., 40 cts.; 100, \$3.00. **Yellow** shades in mixture, doz., 40 cts.; 100, \$3.00. **Striped and variegated**, doz., 30 cts.; 100, \$2.00. **French Hybrids**, doz., 50 cts.; 100, \$3.50. **Lemoine's Hybrids**, collection of 10 named varieties, \$2.00.

**GLOXINIA BULBS.** Our stock of these is very choice.

The bulbs should be potted in the spring in light, sandy loam, and they will commence growing and blooming at once. In the fall, dry them and store in a warm place through winter. Strong, flowering bulbs, mixed colors, per bulb, 15 cts.; \$1.75 per doz.



Chrysanthemums.



Dahlias

See Special Offers on third page of cover.

**HEUCHERA. Sanguinea.** One of the handsomest hardy perennials of recent introduction. The flowers are of a rich crimson color, leaves light green. Roots, 15 cts. each; \$1.50 per doz. Seed, per pkt., 10 cts.

**HYACINTHUS. Candicans.** Perfectly hardy. Height three feet, bears an abundance of pure-white, bell-shaped flowers. Each 10 cts.; per doz., 75 cts.

**IRIS. Kaempferi.** When these are in bloom nothing in the garden is grander. The name "Poor Man's Orchids" has been suggested for them on account of their ease of culture and great beauty. Choice named varieties, \$2.50 per doz. Double and single mixed, \$1.75.

—**Germanica.** The German Iris bloom earlier than the Kaempferi, they embrace many charming combinations of colors, and are very fragrant. Choice named varieties, \$1.50 per doz. Fine mixture, \$1.00 per doz.

**LILIES. Lilium Auratum. Golden Banded Lily of Japan.** Immense white flowers, each petal marked with a wide gold band and spotted with maroon. Each, 20 cts.; per doz., \$2.00.

—**Lilium Lancifolium Rubrum.** White with rich crimson spots. Each, 15 cts.; per doz., \$1.50.

—**Lilium Lancifolium Roseum.** White stained and spotted rose. Each, 15 cts.; per doz., \$1.50.

—**Lilium Lancifolium Album.** Large, pure-white flowers. Each, 20 cts.; per doz., \$2.00.

**MILLA. Biflora.** Beautiful, white, waxy flowers with pale lemon anthers. Deliciously fragrant. Plant out-doors in May and take up bulbs in fall like Gladioli. Each, 10 cts.; per doz., 75 cts.; per 100, \$5.00.

**MADEIRA VINE.** A beautiful, rapid-growing climber, bearing in profusion very fragrant white flowers. Each, 5 cts.; per doz., 50 cts.

**MONTBRETIA. Crocosmiaeflora.** Very large flowers of fine shape. Base of flowers is bright orange, sprinkled with purple spots, arranged like Tigridia. Each, 10 cts.; per doz., 75 cts.

**PÆONIES.** We can furnish these well-known, old favorites in all the



*Lilium Auratum*

newest varieties.

—**Hardy Herbaceous Sorts, named.** 50 cts. to \$1.00 each.

—**Hardy Herbaceous, assorted colors; large flowering roots.** 50 cts. each.

—**Hardy Herbaceous, large, double, white.** 50 cts. each.

**SMILAX.** A beautiful climber for greenhouse or window culture. Plants from two and a half inch pots. 15 cts. each; \$1.00 per doz.

**TIGRIDIA. (Shell Flower.)** Beautiful, large, shell-like flowers, produced from July until frost. They require similar treatment to the dahlia.

—**Conchiflora.** Orange and crimson spots. 5 cts. each; 50 cts. per doz.

—**Grandiflora Alba.** White flowers spotted with maroon and rose. 5 cts. each; 50 cts. per doz.

—**Grandiflora Crimson.** 5 cts. each; 50 cts. per doz.

—**Pavonia.** Red with crimson spots. 5 cts. each; 50 cts. per doz.

**TUBEROSES.** These are universal favorites and very easily grown. Before potting, remove the small offsets. Use rich loam and start in hot bed or in house. Do not set out until all danger from frost is past.

—**Excelsior Double Pearl.** 5 cts. each; 25 cts. per doz.; \$1.75 per 100.

—**Tall, Double.** 5 cts. each; 25 cts. per doz.; \$1.75 per 100.

—**Albino.** This variety is hardier and earlier than the others. The flowers are single, white, large and fragrant. 5 cts. each; 30 cts. per doz.; \$1.75 per per 100.

## SUMMER BEDDING PLANTS, FLOWERING AND FOLIAGE.

	Doz.	100		Doz.	100
Abutilon, in variety . . . .	\$1.50	\$10.00	Geranium, single, scarlet, white, red	\$1.00	\$8.00
Achyranthes, Collinsii . . . .	1.00	8.00	Geranium, single, bronze-leaved . . . .	1.00	8.00
Ageratum, best dwarf, blue . . . .	.75	5.00	Geranium single, silver-leaved . . . .	1.50	10.00
Alternanthera, dwarf . . . .	.75	6.00	Heliotropes, . . . .	1.00	8.00
Alyssum, double, white. . . .	.75	6.00	Hollyhocks, choice strain . . . .	2.50	18.00
Alyssum, variegated foliage . . . .	.75	6.00	Lantanas, choice varieties . . . .	1.00	8.00
Asters, pure white . . . .	.50	4.00	Lobelias, various sorts . . . .	.50	4.00
Asters, assorted colors . . . .	.50	4.00	Lemon Verbenas, . . . .	1.50	10.00
Begonias, choice varieties . . . .	1.50	10.00	Marigold, French and African . . . .	.60	4.00
Caladium Esculentum, . . . .	2.50		Nasturtium, tall, for trellises, etc. . . .	.60	4.00
Cannas, assorted . . . .	1.00	8.00	Nasturtium, dwarf, beds, or borders . . . .	.60	4.00
Cannas, Crozy's choice new varieties . . . .	1.50	10.00	Pansies, extra large flowered . . . .	.50	4.00
Calendula, deep yellow . . . .	.60	4.00	Pansies, choice fancy, assorted colors . . . .	1.00	8.00
Centaurea Candidissima, . . . .	1.00	8.00	Petunia, double, choice varieties . . . .	1.25	8.00
Centaurea Gymnocarpa, silvery foliage . . . .	.75	6.00	Petunia, single, dwarf or tall. . . .	.75	6.00
Cobæa, Scandens . . . .	1.25	9.00	Phlox, all colors . . . .	.60	4.00
Coleus, fine varieties . . . .	.60	5.00	Ricinus, in variety . . . .	2.00	15.00
Coleus, new varieties, extra . . . .	1.00	8.00	Salvia, scarlet for beds, etc . . . .	1.25	8.00
Feverfew double white, free-flowering . . . .	.75	6.00	Stocks, double, ten weeks . . . .	1.00	7.00
Feverfew, golden (golden fea.) yellow . . . .	.60	4.00	Verbenas, assorted colors, extra . . . .	.60	4.00
Fuchsias, various fine sorts, small pl's . . . .	1.25	10.00	Vincas, red and white . . . .	1.25	9.00
Geranium, double, red, rose, white . . . .	1.25	8.00	Zinnias, assorted colors . . . .	.60	4.00

Other Varieties can be furnished at Lowest Prices.

Special Offer No. 3 only applies on Bedding Plants.

## AQUATIC PLANTS.

The hardy varieties may be planted as soon as vegetation commences in the spring. They may be grown in tubs. A warm, sheltered position, yet with full exposure and sunshine should be selected. Fill the tubs two-thirds full of turfy soil enriched with decomposed hot bed or farmyard manure; cover with two inches of sand and fill with water. The crowns of the plants should be placed just under the surface of the soil.

The tender varieties should not be planted until from the 1st until the 10th of June. Nelumbiums, though hardy when established, should not be planted as early as the hardy Nymphæas.



Nelumbium

### HARDY VARIETIES.

**NELUMBium. Speciosum.** (Egyptian Lotus) The flowers are about a foot across, of a deep rose color, with a soft, creamy white at bases of the petals; exquisitely fragrant. Flowering tubers, 75 cts. and \$1.50 each.

—**Luteum.** (American Lotus.) This differs from N. Speciosum only in the color of its flowers; they are of a rich, sulphur yellow tint. 75 cts. and \$1.50 each; \$7.50 per doz.

—**Kermesinum.** Another distinct variety, bearing flowers resembling the Hermosa Rose in color. \$1.50 each.

—**Album Grandiflorum.** Immense flowers of pure ivory whiteness, very scarce. \$2.00 each.

—**Album Striatum.** Pure white, the edges of the petals are irregularly striped and tipped with rosy carmine. Their fragrance is quite distinct. \$1.50 each.

**NYMPHÆA. Alba Candidissima.** Flowers six inches in diameter; pure white with broad petals; the earliest flowering variety. 75 cts. each; \$7.50 per doz.

—**Odorata.** Its lovely, pure white flowers, so common in some locations, is worthy of a place among the choicest varieties. 20 cts. each; \$2.00 per doz.

**Odorata Gigantea.** Similar in all respects to N. Odorata. but the flower is very large and full. 20 cts. each; \$2.00 per doz.

- Odorata Rosea.** (The popular pink Cape Cod water lily). The flowers are of large size, cup-shaped; a lovely deep pink in color; delicious fragrance and free bloomer. 50 cts. each; \$5.00 per doz.
- Odorata Sulphurea.** Large, yellow, fragrant flowers, standing a few inches out of the water. The leaves are deep green, beautifully mottled with reddish yellow or brown spots. 50 cts. each; \$5.00 per doz.
- Odorata Caroliniana.** The flowers on well-grown specimen plants are very large, measuring 7 inches in diameter; the color is of the clearest rosy pink, the faintest tint at the points deepening to the centre of the flower, the golden stamens reflecting a lovely salmon shade; deliciously fragrant. \$1.50 each.

### TENDER VARIETIES.

**NYMPHÆA. Cœrulea.** (Stellata.) The flowers are a clear light blue, very delicately scented; six to eight inches across. Known as the Blue Lotus. \$1.00 each.

—**Dentata.** The largest and best white, night-blooming variety; long, pointed buds, on strong stalks, opening horizontally; leaves deep green, with serrated edges. 50 cts. each.

—**Devoniensis.** The flowers are a brilliant rosy red, and are from ten inches to twelve inches across. 50 cts. each.

—**Zanzibarensis Azurea.** This is similar to the true Zanzibarensis except in color, being deep, rich, azure blue. 50 cts. each.

—**Zanzibarensis Rosea.** Similar to the preceding, save in color, which is a beautiful deep rose. 50 cts. each.

—**EICHHORNIA. Crassipes Major.** (Water Hyacinth.) A very showy aquatic, bearing very freely flowers of a delicate lilac rose in trusses like a hyacinth. It should be grown in about three inches of water, so that the ends of the roots can enter the soil. 15 cts. each; \$1.50 per doz.

**LYMNANTHEMUM. Indicum.** (Water Snowflake.) A very pretty floating species, with light green, roundish leaves and pure white flowers most beautifully fringed. 15 cts. each.

**LIMNOCHARIS. Humboldtii.** (The Water Poppy.) Oval leaves and yellow, poppy-like flowers, standing out of the water. A good plant for growing in shallow water. 15 cts. each; \$1.50 per doz.

**MYRIOPHYLLUM. Proserpinacoides.** (Parrot's Feather.) An aquatic hanging plant. Its long trailing stems are clothed with whorls of the most exquisite foliage, as finely cut as the leaves of the Cypress Vine, and much more delicate. Planted in a water-tight hanging-basket, so water can be kept standing on the surface, it will trail finely. 15 cts. each; \$1.50 per doz.

**CYPERUS. Papyrus.** This is the true Egyptian Paper Plant. It grows finely in shallow water with rich soil, and makes a splendid companion for flowering aquatics. It will also flourish and make a fine clump in the garden, with no more water than Cannas require to make them do well. 25 cts. each.

**ZIZANIA. Aquatica.** Wild Rice. This native aquatic annual is very ornamental in the Water Garden; its graceful panicles of bloom are produced on stalks five to ten feet high; should be grown in shallow water. 10 cts. each; 75 cts. per doz.

Those interested in Acquatic Plants and their cultivation will find Mr. Tricker's book, "THE WATER GARDEN," attractive reading and a valuable guide in all matters connected with the subject. \$2.00 by mail.

See Special Offers on third page of cover.

# PLANT DEPARTMENT.



To this important branch of our business we are giving much attention, and are in a position, second to none, to supply FRUIT TREES, SHADE and ORNAMENTAL TREES, EVERGREEN and FLOWERING SHRUBS, VINES, HERBACEOUS and SUMMER BEDDING PLANTS, etc., in all desirable varieties and sizes, at lowest prices. We shall be glad to advise

intending buyers as to selection, and also furnish plans and estimates for laying out and planting ornamental grounds. See particulars of Landscape Department in colored pages.

While we exercise the greatest care to have all Nursery stock pure and reliable, we sell no Trees, Plants, Shrubs or other Nursery stock with warranty, express or implied, in any respect. If the purchaser does not accept these goods on these terms, they must be returned at once, and the money that has been paid for them will be refunded.

## ROSES.

The list of Varieties is revised, and contains nothing but the really most desirable and distinct kinds.

**PLANTING.** If possible, select a position sheltered from high winds but open to sunshine. If the soil is not naturally suitable it must be improved — if light, by the addition of rich loam and decomposed cow or stable manure, well worked in; where stiff and heavy, good drainage and rough stable manure are the essentials.

When planting, carefully prune all dead or bruised roots or branches, spread the root fibres as much as possible, and set deep enough to cover the junction of the bud and stock, thereby preventing suckers, and enabling the *rose* to make roots.

During the growing season, frequent waterings with liquid manure is an advantage. It is easily made by mixing cow manure with water in an old tub or barrel.

In the following list we have aimed at selecting those that combine, in the fullest manner, the five requirements of a perfect rose, namely: beauty of color, beauty of form, fragrance, profusion and continuity of bloom, and vigor of growth. To aid our customers in making selection, we have indicated what we consider the *best fifty*, by prefixing a star \*; to the *best twenty-five*, two stars \*\*; to the *best twelve*, three stars \*\*\*; to the *best six*, four stars \*\*\*\*.

Strong Plants, 30 cts. each; \$3.00 per doz. Extra Strong Plants, 50 cts. each; \$4.00 per doz.

## HYBRID PERPETUAL ROSES.

- \*Abel Grand, silvery rose, large, very free bloomer.
- \*\*\*\*Alfred Colomb, bright fiery red, large and very fine.
- Alfred K. Williams, carmine red, fine form.
- \*\*Alphonse Soupert, bright pink, form of *La Reine*, very large.
- American Beauty, bright, carmine rose, very sweetly scented.
- \*Anna de Diesbach, deep rose, very large and showy.
- \*Augustine Guinoisseau, white, slightly tinted flesh, form of *La France*.
- Auguste Rigotard, cherry red, large and deep.
- \*\*\*\*Baroness Rothschild, delicate flesh, one of the very best.
- \*\*Beauty of Waltham, light crimson, large and of fine form.

- Captain Christy, light salmon flesh, a distinct shade.
- \*Captain Hayward, bright carmine crimson, perfect form, sweetly scented.
- \*\*\*\*Charles Lefebvre, brilliant velvety crimson, superb.
- \*Comte de Raimbaud, new shade of purplish crimson, very beautiful.
- \*\*Comtesse de Oxford, bright carmine red, very large, handsome foliage.
- \*Countess of Roseberry, brilliant carmine rose, very double.
- \*\*Dr. Andry, bright reddish crimson, large, free flowerer.
- \*\*\*\*Duke of Edinburgh, bright vermilion, superb form.
- Duchess de Morny, splendid clear light rose, beautifully formed.

See Special Offers on third page of Cover.

- \*Duchess of Bedford**, dazzling scarlet crimson.
- \*\*\*\*Dupuy Jamain**, very bright cerise, large, full, and fine form.
- Earl of Dufferin**, rich velvety crimson shaded with dark maroon.
- Eclair**, bright fiery red, large and full, form of *Chas. Lefebvre*.
- Edouard Morren**, glossy pink, a very fresh and delicate shade.
- \*\*Etienne Levet**, light carmine red, perfectly folded.
- \*Ferdinand de Lesseps**, crimson, shaded with violet.
- \*Fisher Holmes**, crimson, purplish shading.
- \*\*\*\*General Jacqueminot**, scarlet crimson, large and magnificent.
- Gloire Lyonnaise**, chrome yellow, edged with white.
- Gloire de Margottin**, dazzling red; the most brilliant known.
- \*Henrich Schultheis**, delicate pinkish rose, large and sweetly scented.
- \*Horace Vernet**, bright light crimson; a superb flower.
- \*Jeannie Dickson**, rosy pink with a silvery pink edge.
- \*\*John Hopper**, brilliant rosy crimson, an abundant bloomer.
- \*\*\*La France de 89**, brilliant red, sometimes lined with white.
- \*La France**, bright lilac rose, centre silvery white; a favorite.
- La Rosiere**, velvety crimson, a grand flower.
- \*Louis Van Houtte**, reddish scarlet and amaranth, shaded with bluish purple.
- \*Mabel Morrison**, pure white, form of *Baroness Rothschild*.
- \*\*\*Madame C. Testout**, habit and character of *La France*, but deeper in color.
- Madame Eugenie Verdier**, bright satined rose, silver shaded.
- \*Madame Nachary**, light silvery rose, deep cupped form.
- \*\*\*Madame G. Luizet**, fine satin rose; very clear.
- \*Madame Chas. Wood**, crimson shaded with purple; extra form.
- \*\*Madame Victor Verdier**, beautiful cherry rose, exquisitely cupped.

Strong Plants 30 cts. each, \$3.00 per doz. Extra Strong Plants 50 cts. each, \$4.00 per doz.

## CLIMBING ROSES.

- Crimson Rambler**, the finest climbing rose yet offered; it is a very rapid grower, and produces an immense number of lovely pink flowers.
- Yellow Rambler**. The flowers are borne in immense clusters—the color is a decided yellow. It is a fitting companion to the Crimson Rambler.
- Dawson**. Vigorous, and most productive of rich pink, semi-double, fragrant flowers, in clusters.

Strong Plants, 50 cts. each; \$4.00 per dozen.

## SINGLE ROSES.

- Grandiflora**. Finely cut foliage and myriads of purest white flowers.
- Rugosa Alba**, forms large bushes with deep green, glossy foliage, flowers beautiful pure white, sweetly scented.
- Rugosa Rubra**, similar to the preceding, but with large rosy crimson flowers, succeeded by cherry-like fruit.
- Madame G. Bruant**, semi-double white flowers, otherwise resembles *Rugosa Alba*.
- Madame Chas. Worth**, semi-double crimson flowers, habit similar to *Rugosa Rubra*.

- Mdlle. Eugenie Verdier**, bright flesh-rose, reverse of petals silvery white.
- Mdlle. Marie Rady**, red, bordered with white;
- \*Mdlle. S. M. Rodocanachi**, very brilliant cherry-rose, extra fragrant.
- \*\*Mdlle. Annie Wood**, vivid crimson, of the most perfect form.
- \*Magna Charta**, bright pink suffused with carmine, large and full.
- Marchioness of Londonderry**, ivory white, of great substance and perfect form.
- \*Marshall P. Wilder**, cherry carmine, form of *Alfred Colomb*.
- \*Margaret Dickson**, white, centre petals, flesh.
- \*\*\*Marie Bauman**, light crimson, large, full and fine form.
- \*\*Marquise de Castellane**, bright rose, very large and full.
- Maurice Bernardin**, crimson beautifully shaded with violet.
- \*\*\*Merveille de Lyon**, beautiful pure white, form of *Baroness Rothschild*.
- \*\*Mons. E. Y. Teas**, dazzling cherry red, perfect form.
- \*\*\*Mrs. John Laing**, soft pink, style of *Madame G. Luizet*.
- Mrs. R. G. Sharman Crawford**, deep rosy pink shaded with pale flesh.
- \*\*Paul Neyron**, dark rose, fine form, very large.
- Pierre Notting**, dark red, distinct color, very large and full.
- \*Prince Camille de Rohan**, velvety crimson, beautiful shade.
- Queen of Queens**, pink with blush edges, large and fine.
- \*Senateur Vaisee**, dazzling red, large, full and extra fine.
- \*Silver Queen**, silvery blush, shaded in the centre delicate rosy pink.
- \*Sir Garnet Wolseley**, fine scarlet crimson, with a rich deep shading.
- \*\*Ulrich Brunner**, cerise red, very large and fine.
- Victor Hugo**, bright crimson red, shaded purple.
- Victor Verdier**, deep carmine, large and well-formed.
- \*\*White Baroness**, pure white, form of *Baroness Rothschild*.

- Blairii**. Flowers borne in profusion all summer, color, rosy-blush; large and delightfully fragrant.
- Gloire de Dijon**, buff, orange centre; splendid foliage, tea scented.
- Baltimore Belle**, pale blush, changing to white; fine.
- Queen of the Prairie**, bright, rosy red; frequently with white stripe.

each; \$4.00 per dozen.

- Multiflora**. Dense clusters, small creamy white fragrant flowers.
- Sweet Briar**. Fragrant foliage and flowers.
- Carolina**, (Wild Swamp Rose,) Flowers very bright, 25 cts. each; \$2.00 per doz.
- Wichuriana**, low trailing variety, suitable for covering banks, rocks, etc. Glossy green foliage, pure white very fragrant flowers. 35 cts. each; \$3.00 per doz.
- Strong Plants, 50 cts. each; \$4.00 per dozen, except as noted.

See Special Offers on third page of cover.

## AUSTRIAN ROSES.

These are the showiest yellow roses in cultivation; very profuse bloomers, their bright flowers literally covering the bush.

**Harrisonii**, fine golden Yellow.

**Persian Yellow**, the deepest yellow.

50 cts. each; \$4.00 per doz.

## EVER-BLOOMING TEA ROSES.

The Teas are tender and require protection. They are admirably adapted for greenhouse culture, and are now much grown in the summer garden.

**Bon Silene**. Rosy-carmine, fragrant.

**Bride**. Snowy white.

**Bridesmaid**. Brilliant pink.

**Catherine Mermet**. Bright silvery pink.

**Mad. Hoste**. Yellowish-white.

**Niphetos**. White, tinged-lemon.

**Perle des Jardins**. Straw color.

**Souvenir de Wotton**. Crimson.

Small Plants, 15 cts. each; \$1.50 per dozen.

Large Plants, 30 cts. each; \$3.00 per dozen.

## MOSS ROSES.

**Crested Moss**. Rose large and full; beautiful.

**Glory of Mosses**. Blush, very large and full.

**Laneii**. Rosy crimson, tinted purple.

**Little Gem**. Crimson, very small and double, beautifully mossed.

**Princess Adelaide**. Pale, glossy rose.

**Reine Blanche**. Fine white, large and full.

Strong Plants, 50 cts. each; \$4.00 per doz.

## POLYANTHA, OR FAIRY ROSES.

These are of low, compact habit, producing small, graceful flowers in great abundance. They are perfectly hardy, and will bloom through the hottest and driest months of summer.

**Little Gem**, white, slightly tinted with pink.

**Mme. Cecile Brunner**, salmon rose, buff shaded.

**Mignonette**, blush; very fragrant and free flowering

**Paquerette**, pure white; dwarf and free flowering.

**Perle d' Or**, saffron yellow, deeper in centre, edges white; very fine.

Price, small plants 35 cts. each; \$3.50 per doz.

large plants 50 cts. each; \$4.00 per doz.

## FOLIAGE PLANTS FOR HOUSE, LAWN AND PIAZZA.

**ARICA LUTESCENS**. A majestic palm. Its dark, glossy-green leaves are gracefully curved on slender stems. The trunk and stems are a golden yellow, irregularly spotted with bronzy-green. Each, 1½ ft., \$1.50; 2½ ft., \$3.00.



*Kentia Belmoreana.*

**KENTIA BELMOREANA**. Sometimes called the "Curly Palm," recognized as one of the best for all purposes, being able to withstand more ill-usage, perhaps, than any other. Each, 1½ ft., \$2.00; 2 ft., \$3.00; 3 ft., \$5.00.

**LANTANIA BORBONICA**. This is a typical palm and is more largely used than any other. It is of strong, healthy habit, and especially suitable for window culture. Each, 1½ ft., \$1.50; 2 ft., \$2.00; 2½ ft., \$3.00; 3 ft., \$5.00.

**PANDANUS UTILIS**. This is a most desirable variety for window culture, and will bear without injury a great deal of neglect. Each, 1 ft., \$1.00; 1½ ft., \$2.50.

**DRACENA INDIVISA**. Valuable as a window plant and for centres of vases, baskets, beds, etc.; 50 cts. to \$1.50 each.

**DRACENA TERMINALIS**. A beautiful decorative plant, gorgeous shades of crimson, bronzy-green and pink foliage; 50 cents to \$1.50 each.

**RUBBER PLANTS**. *Ficus Elastica*. We can furnish nice, healthy plants of this favorite at from \$1.00 to \$5.00 each, according to size.

**NEPHROLEPSIS EXALTATA**. *Boston Fern*. A very popular window-plant. It bears well with heat, dust and neglect, and always has a bright, fresh appearance. Strong plants, 50 cents to \$2.00 each.

## HARDY HERBACEOUS PERENNIALS.

## HARDY ASTERS.

We have in this class some of the most showy, as well as really beautiful and interesting flowering plants in cultivation, invaluable in the garden, especially as they blossom when the scarcity of hardy flowers is most marked. Will thrive in grass or any rough spot and bloom freely the first season.

**A. Alpinus**. 9 in. July. Bright purple. 25 cts.; \$2.50 per doz.

**A. Amellus Bessarabicus**. 2 ft. Rich purplish-blue flowers, with orange centre; one of the finest. 25 cts.; \$2.50 per doz.

**A. Chapmanni**. Numerous heads of small flowers of a light clear blue. 15 cts.; \$1.50 per doz.

**A. Longifolius Formosus**. 3 ft. October. A dwarf-growing variety, which is a cloud of very large, bright, rose-colored blossoms; a superb aster. 20 cts.; \$2.00 per doz.

**A. Novæ Angilæ**. 4 ft. Our grandest American species, with thousands of big, violet-purple blossoms; a grand aster. 15 cts.; \$1.50 per doz.

**A. Novæ Angilæ**. var. **Roseus**. 4 ft. A most charming variety of the above, with all shades of rose and crimson. 25 cts.; \$2.50 per doz.

**A. Nova-Belgica**, var. **Lady Trevellyn**. 4 ft. - Sept., Oct. Large heads of white flowers, with yellow centres. 25 cts. each; \$2.50 per doz.

**A. Sibericus**. 9 in. Aug., Sept. The plant forms a perfect hemisphere, and is completely covered with clear pink flowers in autumn. 35 cts. each; \$3.50 per doz.

See Special Offers on third page of cover.

# Hardy Herbaceous Perennials.

This Collection, value \$13.00, will be delivered free, as per Special Offer No. 1, on receipt of \$10.00.

CLASS.	H'G'T	SEASON.	PRICE	CLASS.	H'G'T	SEASON.	PRICE
<b>Achillea the Pearl</b> , dense heads of double white	1½	Summer	.15	<b>Iberis Corraefolia</b> (Hardy Candy-tuft), dense head; pure white flowers; evergreen	¾	May	.25
<b>Ajuga Genevensis</b> (Bugle), spikes of deepest blue	½	Summer	.20	<b>Iris Kaempferii</b> (Japanese Iris), immense flowers in all shades of colors	3	July	.35
<b>Alyssum Saxatile</b> var. <b>Compacta</b> (Gold dust), bright golden yellow.	1	May	.20	<b>Linum Perenne</b> (Peren'l Flax), large open clusters of rich blue; choice	1½	Summer	.20
<b>Anemone Japonica</b> (Japan Wind fl'er) bright pink, yellow stamens	2	Sept.	.20	<b>Lathyrus Latifolius</b> (Perennial Pea), clusters of rich clear red; climber.	5	Summer	.25
<b>Anemone Japonica</b> var. <b>Whirlwind</b> , double white elegant	2	Sept.	.25	<b>Lychnis Chalcedonica</b> (Scarlet Lampflower), heads of scarlet	2	Summer	.20
<b>Anthemis Tinctoria</b> (Hardy Golden Marguerite), deepest golden yellow	2	All S'm'r	.15	<b>Lychnis Viscaria</b> var. fl. pl. (Ragged Robin), dense spikes of rich red; fragrant; choice	1½	June	.25
<b>Aquilegia Chrysantha</b> (Golden Columbine), rich yellow; fine form	3	July	.25	<b>Monarda Didyma</b> (Bergamot), fragrant head of scarlet	1½	Summer	.20
<b>Arabis Albida</b> (Alpine Rock Cress), heads of very fragrant pure-white flowers	¾	May	.20	<b>Oenothera Macrocarpa</b> (Evening Primrose), yellow fragrant flowers of immense size; prostrate	1	Summer	.25
<b>Boltonia Latisquamae</b> (False Chamomile), immense heads of rich lavender pink flowers	5	Sept.	.25	<b>Papaver Orientale</b> (Oriental Poppy), Bright scarlet spotted with purple; large and fine	2	June	.35
<b>Campanula Carpathica</b> (Carpathian Harebell), bright blue; dense	1	Summer	.25	<b>Papaver Royal Scarlet</b> . An improvement over last, with flowers eight inches across, of deepest blood red with purple blotches in centre. One of the best.	2	June	.50
<b>Coreopsis Lanceolata</b> (Golden Tickseed), bright yellow. A mass of flowers all summer	2	Summer	.20	<b>Pentstemon Barbatus</b> var. <b>Torreyii</b> (Torrey's Beard-tongue), long spikes of bright orange scarlet	5	July	.25
<b>Centaurea Montana</b> var. <b>Alba</b> (Cornflower), pure white, fine for cutting.	1½	Summer	.25	<b>Phlox Hybrida</b> (Hybrid Perennial Phlox), immense trusses, all shades of red, white and maroon	3	Late Summer	.25
<b>Chelone Lyonii</b> (Turtle-head), dense heads of deep, rich red	2	Sept.	.25	<b>Platycodon Grandiflora</b> (Giant Bellflower), large rich blue, bell-shaped flowers	2½	Summer	.25
<b>Delphinium Formosum</b> (Showy Larkspur), deep blue, pure white eye; long spikes	3	Summer	.25	<b>Polemonium Reptans</b> (Jacob's ladder), clusters of rich blue flowers	1	May	.25
<b>Dianthus Plumarius</b> (Scotch Pink), fragrant bright pink flowers	1	June	.20	<b>Potentilla Hybrida</b> (Cinquifol), clusters of double red, orange or yellow flowers	1	J'ne-July	.35
<b>Dicentra Spectabilis</b> (Bleeding Heart), pink and white	2	May-July	.20	<b>Pyrethrum Hybridum</b> , double white, pink or red shaded flowers	2	Summer	.35
<b>Dictamnus Fraxinella</b> (Gas Plant), spikes of purple; whole plant strongly scented	2	J'ne-July	.25	<b>Pyrethrum Uliginosum</b> (Giant Daisy), broad heads of large, pure white, daisy-like flowers	3	Sept.	.25
<b>Delphinium Chinensis</b> (Chinese Larkspur), broad clusters bright blue flowers; elegant	2	Summer	.25	<b>Rudbeckia Speciosa</b> (Showy Coneflower), deep golden-yellow flowers with purple centres.	2	Summer	.25
<b>Doronicum Excelsum</b> , elegant yellow flowers; enormous bloomer	2	May-J'ne	.25	<b>Sedum Spectabile</b> (Showy Stonecrop), broad heads of deep, showy pink flowers; choice	1	Sept.	.25
<b>Epimedium Alpinum</b> (Barrenwort), choice pink and white, in clusters.	1	Spring	.25	<b>Scabiosa Caucasicca</b> , large lavender-blue flowers; excellent for cutting	2	Summer	.25
<b>Funkia Ovata</b> (Plantain Lily), showy foliage; spikes of purple	2	August	.25	<b>Spiraea Palmata</b> , elegant foliage; showy spikes of deepest crimson	3	Summer	.25
<b>Funkia Subcordata</b> (White Day-lily), clusters of fragrant white flowers	1½	Aug-Sept	.25	<b>Veronica Amethystina</b> (Amethyst Speedwell), dense spikes of amethyst blue; elegant.	1½	June	.25
<b>Gypsophila Paniculata</b> (Infant's Breath), fine spray-like white	2	Summer	.20	<b>Veronica Longifolia</b> var. <b>Subsessilis</b> One of the choicest of late blooming perennials, with long dense spikes of deepest blue flowers, lasting for a long season.	2	Late Summer	.30
<b>Helianthus Multiflorus</b> var. fl. pl. (double perennial Sun-flower), double golden yellow; flowers three inches in diameter, profusely produced; very beautiful	5	Aug-Nov.	.15	<b>Yucca Filamentosa</b> (Spanish Bayonet), immense candelabra-like heads of drooping, bell-shaped, creamy white flowers; elegant	5	July	.35
<b>Heliopsis Pitcheriana</b> . Golden yellow flowers in broad open heads, blooming for a long season	6	July-Oct.	.25				
<b>Hemerocallis Flava</b> (Yellow Day-lily), bright yellow; fragrant.	2	July	.25				
<b>Hibiscus Crimson Eye</b> , immense creamy white flowers with crimson eye	4	Aug-Oct.	.30				
<b>Helenium Hoopesii</b> , large clusters of rich golden-yellow	3	June	.25				

See Special Offers on third page of cover.

**HOLLYHOCKS.—Breck's Silver Medal Strain.**

This strain has been awarded a silver medal by the Massachusetts Horticultural Society, and always obtained the first prize wherever exhibited. No other collection can approach this in variety of shades of color, length of spikes, profusion and texture of flowers and foliage.

We offer a fine lot of strong, healthy plants, in all shades of white, carmine, dark maroon, salmon, apple-blossom, light and dark crimson, rose, yellow, purple and variegated. 25 cts. each; \$2.50 per doz.; \$18.00 per 100.

**RUDBECKIA. (Cone Flower.)**

Handsome border plants of easiest culture. They produce a wealth of showy flowers suitable for cutting.

**R. Laciniata. Var. Golden Glow.** 6 ft. Aug., Oct. Forms a self-supporting bush, with deeply cut, bright green foliage. The flowers, which are produced in the greatest profusion, are three inches or more in diameter, very double, and rich golden yellow color. 25 cts. each; \$2.50 per doz.

**R. Maxima.** 6 ft. June, Aug. Flowers 5 inches across, with tall cone-like centres and drooping, yellow rays. 25 cts. each; \$2.50 per doz.

**CLEMATIS.**

Elegant, hardy free-flowering climbers.

**Paniculata.** The beautiful autumn flowering, hardy, fragrant white Clematis, now so popular. Plants 25 cts. to \$1.00 each; \$3.00 to \$10.00 per doz.

**Miss Bateman.** White; chocolate-red anthers. 50 cts. to \$1.00 each.

**Flammula.** (European Sweet Clematis.) Flowers small, white and very fragrant. 25 cts. each.

**Henryii.** Immense, single, purest white flowers. 75 cts. each.

**Jackmannii.** Large, intense violet-purple flowers. 50 to 75 cts. each.

—**Alba.** Like preceding, except in color, which is pure white. 50 to 75 cts. each.

**Lawsoniana.** Large, rosy-purple, darker veins, 75 cts.

**Mad. Edouard Andre.** Bright crimson. \$1.00 each.

**Virginiana.** (Amer. White Clematis.) A profusion of white flowers in August. 15 cts. each.

**HARDY CLIMBING PLANTS.**

Hall's Honeysuckle.

It can be especially recommended. 25 cts. each; \$2.50 per doz.

**Bignonia Radicans.** (Trumpet Vine). A quick-growing vine, bearing large scarlet flowers, very brilliant. 35 cts. each.

**Celastrus Scandens.** (Roxbury Wax Work). A vigorous vine with conspicuous orange-scarlet berries in autumn. 35 cts. each.

**Buonymus Radicans. Var. Variegata.** Retains its glossy green and bright foliage through the winter; nice plants 35 cts.

**Honeysuckle. Hall's Japan.** Abundant, vigorous foliage retained until early winter, flower white and yellow, fragrant. 25 cts.

**Honeysuckle, Scarlet.** Strong, rapid grower, bright scarlet. 25 cts.

**Honeysuckle, Belgica.** Dutch monthly, very sweet scented, red and buff. 35 cts.

**Silk Vine.** A rapid growing vine, will make 30 to 40 feet in a season. 35 cts.

**Wistaria Chinensis.** One of the most elegant and rapid growing of all climbing plants, bearing long pendulous clusters of pale blue flowers in May and June. 50 cts.

**Wistaria Chinensis Alba.** White, otherwise similar to preceding.



Wistaria.

**Actinidia Polygama.** A strong, clean vine from Japan. 50 cts. each.

**Akebia Quinata.** Of rapid growth, with shining foliage and bluish clusters of fragrant flowers. 35 cts.

**Ampelopsis Englemanni.** A variety of the Virginia Creeper, with bright foliage; fine color in the autumn; the tendrils enable it to support itself like *A. Veitchii*. 25 and 35 cts.

**Ampelopsis Quinquifolia.** (Virginia Creeper.) Well-known climber; very vigorous. 25 cts. each.

**Ampelopsis Veitchii.** (Boston Ivy, Japanese Ivy.) Well-known particularly around Boston. It grows rapidly and clings to a wall or fence with the tenacity of Ivy; the foliage is handsome in the summer, and changes to a crimson-scarlet in autumn. For the ornamentation of brick or stone structures,

**RHODODENDRONS.**

We draw our supply of Rhododendrons from what we believe to be the finest stock in the world. All the plants, even the smallest sizes, are symmetrical in form, well furnished, and have good fibrous roots that make transplanting comparatively safe.

**R. Catawbiense.** 8 ft. June. This is one of the types from which the hardy named varieties originated. It forms a broad, dense bush with handsome, deep-green evergreen foliage, and bears at the extremity of each branchlet immense heads of clear lilac, spotted purple flowers. 1 ft., 75 cts. each; \$9.00 per doz.; stronger plants, \$1.00 to \$2.50 each.

**R. Catawbiense Seedlings.** Unnamed varieties, combining a great range of color, and almost as desirable as named sorts. 1 to 2 ft., \$1.00; 2 to 3 ft., \$2.50.

**R. Maximum.** 10 ft., July. A hardy native. The foliage is the largest and most effective of all hardy kinds. The leaves are of the deepest glossy-green and often 10 inches long. The flowers are borne in immense heads 4 to 6 inches across, white, tinged with pink and yellow. This is of rapid growth, and is the latest flowering of all hardy kinds. Small plants, 75 cts. each; \$9.00 per doz.; larger plants, \$1.00 to \$2.00.

Special Offer No. 3 only applies to Articles on this page.

## NAMED HYBRID RHODODENDRONS.

**Album Grandiflorum.** Blush, changing to white.  
**Atrosanguineum.** Deep blood red.  
**Berty Parsons.** Mauve, with brown eye.  
**Bicolor.** Rose, with white spot on upper petals.  
**Caractacus.** Rich purplish crimson.  
**Chas. Bagley.** Cherry red.  
**Delicatissimum.** Blush white, tinted pink.  
**Everastianum.** Rosy lilac, spotted red; fringed and crisped. The best perfectly hardy Rhododendron.

**Giganteum.** Light rose.  
**H. H. Hunnewell.** Dark, rich crimson.  
**James Bateman.** Clear rosy scarlet.  
**Lee's Purple.** Dark purple.  
**Old Port.** Rich plum.  
**Purpureum Grandiflorum.** Purple.  
**Roseum Elegans.** Rich rose.  
**Roseum Grandiflorum.** Clear rose.

Price: 1 ft., \$1.00 each; 12 to 18 inches, \$1.50 each; 18 to 24 inches, \$2.00 each. Prices on larger plants and per dozen and hundred on application.

## HARDY FLOWERING SHRUBS.

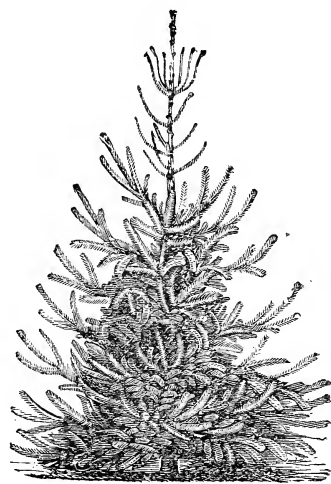
The month after each sort indicates the time of flowering.

**Almond** (*Prunus Jap. Rubra fl. pl.*). Double pink flowers. 50 cts. May.  
**Almond** (*Prunus Jap. Alba fl. pl.*). Double white flowers, beautiful. 50 cts. May.  
**Althæa purpurea plena** (*Rose of Sharon*). *Hibiscus*. 35 and 50 cts. October.  
**Althæa Striata.** Carnation striped. 35 and 50 cts.  
**Althæa.** Double variegated. 35 and 50 cts.  
**Andromeda Racemosa.** White flowers in clusters. 50 cts. May.  
**Azaleas.** Ghent Hybrids, perfectly hardy, and of many brilliant colors. Fine plants, \$1.00; large sizes, \$2.00 and \$2.50. June.  
**Azalea Mollis.** A new type, flowering earlier than the *Ghent*, and in color and form approaching the Indian varieties. 75 cts. to \$1.00.  
**Barberry** (*Berberis Thunbergii*). A low growing shrub of arching habit; the foliage changes to many brilliant colors in the fall. 50 cts. each. June.  
**Catalpa Aurea.** Golden foliage. 50 cts.  
**Calycanthus Floridus.** Strawberry tree or sweet-scented shrub, dark flowers. 50 cts. June to Sept.  
**Chionanthus Virginicus.** (*Fringe Tree*). White. 50 cts. June.  
**Cornus Florida.** (*Dogwood*). White. 50 cts. May.  
 —**Rubra.** (Rose.) 50 cts. May.  
 —**Sanguinea.** (Red Osier.) Bark deep red. 35 cts.  
 —**Elegantissima.** Variegated foliage. The leaves are marked with silvery white. 50 cts.  
**Corchorus Japonica** (*Kerria*). A small shrub with bright green leaves and clear yellow flowers. 25 and 50 cents. June and July.  
**Daphne Cneorum.** A low growing evergreen, produces panicles of bright pink flowers. 50 cts. May and August.  
**Desmodium Penduliflorum.** (*Sweet Pea Shrub*). Red and violet pea-shaped flowers. 50 cts. Autumn.  
**Deutzia Gracilis.** Compact, filled with starry white flowers. 35 and 50 cents. June.  
**Deutzia Crenata fl. pl.** Flowers double white, tinged with rose. 35 and 50 cents. June.  
**Deutzia C. fl. Alba pl.** With very double pure white flowers. 35 and 50 cents. June.  
**Elder, Golden.** Very effective for its bright yellow foliage. 15 and 35 cents.  
**Elaeagnus Longipes.** A new fruit-bearing ornamental shrub from Japan. A decided novelty. 75 cents. July.  
**Euonymus Atropurpureus** (*Burning Bush*). Purple. 50 cents. June.  
**Exochorda Grandiflora.** A choice shrub of strong, upright growth, producing a profusion of large, snowy-white flowers in June. 50 and 75 cents. May.  
**Forsythia Suspensa.** Trained as a standard, it becomes one of the most beautiful weeping shrubs, covered with bright golden yellow blossoms, early in summer. Dwarfs, 35 and 50 cents. April.  
**Hydrangea, Paniculata Grandiflora.** Flowers white in great pyramidal panicles, about a foot long. 50 cents, 75 cents and \$1.00. August to October.  
**Kalmia Latifolia.** A choice native evergreen shrub with shining foliage and dense clusters of pink or nearly white flowers. \$1.00 to \$1.50. June.  
**Lilac** (*Syringa*). Bluish purple flowers. 35 and 50 cents. May.  
**Lilac** (*S. Alba*). Pure white. 50 cents. May.  
**Lonicera Tartarica** (*Bush Honeysuckle*). Pink, sweet-scented. 35 cents. May.  
**Mock Orange or Syringa** (*Philadelphus*). Of compact habit, with creamy white flowers, deliciously fragrant. 35 and 50 cents. June.  
**Mahonia Aquifolia.** A handsome shrub with shining prickly leaves, and showy, bright yellow flowers in May, followed by large clusters of purple berries. 35 cents. May.  
**Pyrus Japonica** (*Cydonia*). Japan Quince, flowers bright scarlet, very showy. 25 and 50 cents. May.  
**Rhus Cotinus.** The well-known smoke bush. 3 ft., 50 cents; 5 ft., \$1.00. June.  
**Snowball** (*Viburnum Plicatum*). A great improvement on the old-fashioned sort, with dark green foliage, and superb trusses of white flowers in midsummer. 50 and 75 cents. June.  
**Spiræa Aurea.** Frequent pinching produces a deep golden yellow color. 35 and 50 cts.  
**Spiræa Thunbergii.** Dwarf, flowers early, very pretty. 35 and 50 cents. April to May.  
**Spiræa Van Houttei.** The most profuse flowering of all the *Spiræas*, the bush being a mass of white bloom. 35 and 50 cents. June.  
**Weigelia Rosea.** Well known, very free flowering. 35 and 50 cents. May to June.  
**Weigelia Variegata.** Fine variegated foliage, rosy-pink flowers. 50 cents. June.

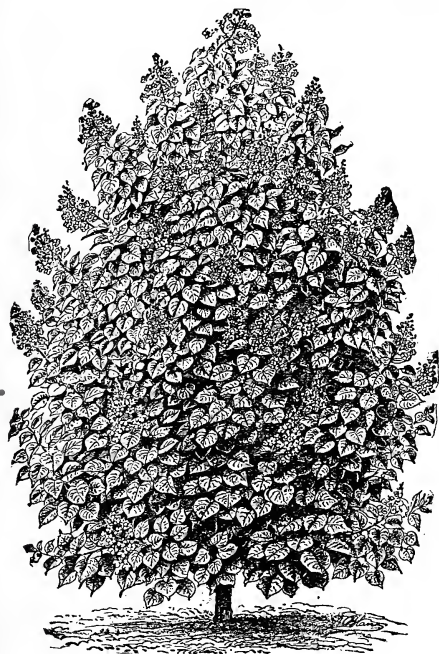
Special Offer No. 3 only applies to Articles on this page.

## EVERGREENS.

- Arbor Vitæ** (*Thuja occidentalis*). Common American form. 2 to 3 ft., 25 cents; 3 to 4 ft., 50 cents.
- Fir Balsam** (*Abies balsamea*). Erect, regular pyramidal tree, rapid grower, very hardy. 50 cents to \$1.00.
- Fir, Douglas**. Hardy, and very ornamental. 3 to 4 ft., \$1.00 each.
- Fir, Nordmann's**. Dark, rich green foliage, silvery underneath. 1½ ft., \$1.50 each; 3 ft., \$5.00 each.
- Juniper Virginiana** (*Red Cedar*). Native variety. 3 ft., 50 cts; 5 ft., \$1.00.
- Pine Swiss Stone**. (*P. Cembra*). Short needles, compact growth, very attractive. 2 ft., \$1.00; 3 to 4 ft., \$2.50.
- Pine, Austrian**. Stout growth, long needles, perfectly hardy in bleakest exposure. 1 foot, 25 cents; 3 feet, 75 cents each.
- Pine, White** (*P. Strobus*). The most ornamental of all our native pines. 2 feet, 50 cents; 5 to 6 feet, \$1.00 each.
- Retinospora Plumosa**. Very hardy, with plume-like foliage. 3 ft., 50 cents; 4 to 5 ft., \$1.00.
- Retinospora Plumosa var. Aurea**. Of bright golden color. 3 ft., \$1.00.
- Spruce, White** (*Picea Alba*). Very hardy native tree. 2 feet, 50 cents; 3 feet, \$1.00.
- Spruce, Colorado, Blue** (*P. Pungens*). Perfectly hardy, pyramidal in shape, foliage dark steel-blue color. 1 to 2 ft., \$1.50; 2 to 3 ft., \$5.00.
- Spruce, Norway** (*Abies Excelsa*). An elegant tree, hardy, lofty, rapid growth, and pyramidal form. 2 feet, 50 cents; 5 feet, \$1.00.
- Spruce, Hemlock** (*Abies Canadensis*). Of good shape and habit. 3 feet, 75 cents; 5 feet, \$1.50.

Blue Spruce (*Picea Pungens*.)

## SHADE AND ORNAMENTAL TREES.



Catalpa Speciosa.

- Apple, Japan Crab** (*Malus Halleana*). Also sold under the name of Parkman's Crab, a beautiful variety producing long, pink flower-buds, quite conspicuous. 50 cents and \$1.00.
- Ash, American White** (*Fraxinus Alba*). A large, noble tree. 10 feet, 75 cents; 12 feet, \$1.00.
- Ash, Weeping** (*F. Pendula*). A beautiful tree of irregular form. 6-7 feet, \$1.00.
- Ash, Mountain** (*Sorbus Americana*). Very ornamental, bearing large clusters of shining red berries. 6 to 7 feet, 50 cents; 10 feet, \$1.00.
- Beech, American** (*Fagus Feruginea*). Compact form, with rich, glossy, attractive foliage. 3 to 5 feet, 50 cents; 5 to 7 feet, \$1.00.
- Beech, Rivers Purple** (*F. Atropurpurea*). The finest of all purple-leaved trees, beautiful as single specimens. 4 to 5 feet, \$1.50.
- Beech, Cut Leaved** (*F. incisa*). Distinct and fine. 3 to 4 feet, \$1.00.
- Beech, Weeping** (*F. Pendula*). A remarkable picturesque tree of curious growth. 3 to 5 feet, \$1.50.
- Birch, European White** (*Betula Alba*). A graceful tree with silvery bark, slender branches, and elegant drooping habit. 4 to 5 feet, 50 cents; 7 to 8 feet, 75 cents.
- Birch, Canoe** (*B. papyracea*). A native variety which attains great size. 5 feet, 75 cents; 8 feet, \$1.00.
- Birch, Cut Leaved, Weeping** (*B. Pendula laciniata*). One of the most popular weeping trees, most beautiful as specimens on the lawn. 5 to 6 feet, \$1.00; 8 to 10 feet specimens, \$2.00.
- Catalpa Speciosa**. A Western type, very desirable, being more hardy and finer in bloom than the common variety. 6 to 7 feet, 75 cents.
- Hawthorn, Paul's Scarlet** (*C. coccinea fl. pl. Paulii*). Flowers bright carmine, red, makes a striking contrast when planted with the white. 5-6 feet, \$1.50.
- Laburnum Golden** (*Cytissus*). A small tree producing freely long clusters of the brightest golden-yellow blossoms, of sweet-pea size and shape. 4 feet, 50 cents; 5-6 feet, 1.00.
- Larch, European** (*Larix Europæa*). An elegant, rapid-growing, pyramidal tree. 4-6 feet, 75 cents.
- Linden, American or Basswood** (*Tilia Americana*). A beautiful, rapid-growing, native tree with large leaves and fragrant flowers. 8 feet, 75 cents; 10 feet, \$1.00.
- Chestnut, American** (*Castanea Americana*). A tree of stately growth. 4 to 5 ft., 50 cents; 8 ft., \$1.00.
- Chestnut, Horse** (*Esculus Hippocastrum*). Strong habit, magnificent foliage, and fine spikes of flowers in May and June. 4 to 5 feet, \$1.00; 6 feet, \$1.50.
- Elm, American**. (*Ulmus Americana*.) The noble spreading and drooping tree of our own forests. 10-12 feet, \$1.00; 12-14 feet, \$1.50.
- Elm, English**. (*U. Campestris*) An erect, lofty tree of rapid, compact growth. 8-10 feet, \$1.00.
- Hawthorn, Double White** (*Crataegus Alba fl. pl.*). Ornamental flowers and foliage. 6 feet. \$1.50.

Special Offer No. 3 applies to Articles on this page.

**SHADE AND ORNAMENTAL TREES, Continued.**

**Linden European** (*T. Europæa*). Pyramidal tree of larger size. 7-8 feet, 75 cents; 8-10 feet, \$1.00.  
**Maple, Cut-Leaved Weeping** (*Acer Wierii Laciniatum*). A weeping silver-leaved variety with deeply cut foliage. 8 feet, \$1.00.  
**Maple, Japan** (*Atrosanguineum Purpureum*). This is the richest crimson and the most brilliant, vigorous, and the best type of the Japanese varieties. \$2.00 each.  
**Maple, White or Silver-Leaved**, (*A. Dasycarpum*). A native variety of rapid growth, very beautiful, 8-10 feet, 75 cents; 10-12 feet, \$1.00.  
**Maple, Norway** (*A. Plantanoides*). Of sprawling habit, foliage dark green. 7-8 feet, 50 cents; 8-10 feet, 75 cents.  
**Maple, Sugar**. (*Acer Saccharinum*). One of the best street trees. 6-8 feet, 50 cents, 10-12 feet, \$1.00.  
**Magnolia Acuminata** (*Cucumber M.*) Of pyramidal growth, flowers yellow, tinted with bluish purple. Fine specimens. 5-6 feet, 75 cents.  
**Magnolia Conspicua**. (*Chinese White*). A variety of great beauty; the flowers are large, pure white, and appear before the leaves. 2-3 feet, \$1.75.  
**Magnolia Soulangeana**. Flowers white and purple, cup-shaped; foliage large and glossy. Fine specimens. 2-3 feet, \$1.50; 3-4, \$2.50; 5-6, \$5.00.  
**Mulberry, Downing's Everbearing** (*Morus*). A rapid growing tree which bears nice fruit. 4-5 feet, 50 cents.

**Mulberry, Teas Weeping**. Absolutely hardy and free from disease, very vigorous in growth. 2 years old, \$1.50.  
**Oak, White** (*Quercus Alba*). One of the finest of American trees, of large size and spreading branches. \$1.00.  
**Oak, Red**, (*Q. rubra*). A native species of rapid growth. \$1.00 each.  
**Poplar, Bolleana** (*Populus*). Pyramidal growth. 8-10 feet, \$1.00.  
**Poplar Lombard** (*P. fastigiata*). Well known and remarkable for its erect rapid growth. 6-8 feet, 50 cents; 8-10 feet, 75 cents.  
**Prunus, Pissardi**. One of the best novelties of late years. The wood and leaves are dark purple throughout the entire season. 4-5 feet, 75 cents; 8-10 feet, \$1.50.  
**Syringa Japonica** (*Giant tree lilac*). It makes a stout tree with large rich foliage, and throws up well above the leaves large clusters of white flowers about a foot long. 2-3 feet, 75 cents.  
**Willow, Kilmarnock** (*Salix Caprea Pendula*). An exceedingly graceful tree with glossy foliage and perfect umbrella head. \$1.00.  
**Willow, Golden Barked** (*S. aurea*). Rapid grower. Golden bark in winter. Valuable for seashore. 4-5 feet, 50 cents; 6-8 feet, \$1.00.  
**Willow, (S. Babylonica)**. Great Weeping Willow. An immense and beautiful tree with bright green foliage and pendant branches. 6-8 feet, 50 cents.

**HEDGE PLANTS.**

**Acacia, Three Thorned**. Beautiful foliage, makes a strong and fine fence. \$8.00; 3 years, \$10.00 per 100.  
**Arbor Vitæ, American**, Stocky plants. 1½ feet, \$10.00 per 100.  
**Barberry**, Common kind, fruit is very conspicuous in the fall and winter. \$8.00 per 100.  
**Barberry Purple**. Foliage soft purple, very beautiful. 1 foot \$10.00; 2 feet, \$15.00 per 100.  
**Buckthorn**. Makes a hardy and strong fence. 2 years, \$8.00; 4 years, \$15.00 per 100.

**California Privet**. Of rapid growth, very hardy. \$10.00 per 100.  
**English Privet**, Hardy and very desirable. \$10.00 per 100.  
**Lilacs**. The common purple. 2-3 feet, \$10.00 per 100.  
**Lilacs**. Chinese White. \$15.00 per 100.  
**Spruce, Norway**, Unsurpassed for windbreaks or screens. Small plants, \$10.00; 2 feet, \$15.00 per 100.  
**Spruce, White**, Rapid grower. Small plants \$10.00; 2 feet, \$15.00 per 100.

**FRUIT TREES.****PEACHES.****EXTRA EARLY.**

**Amsden**. July; greenish white and red, sweet, melting.  
**Alexander**. July; medium, melting, juicy.  
**Alberta**. Late July; flesh yellow. Very juicy.

**EARLY.**

**Large Early York**. August; large, handsome, white, and red, juicy.  
**Coolidge's Favorite**. August; medium, juicy, rich, freestone.  
**Mountain Rose**. September; large, white and red, melting, good.

**Crawford's Early**. September; large, yellow, juicy, freestone.  
**Foster**. September; similar to preceding, but of better quality.  
**Old Mixon**. September; large, white and red, juicy and rich.

**LATE.**

**Crawford's Late**. Very large, juicy, good, freestone.  
**Late Rare Ripe**. September; large, white, very good.  
**Stump the World**. September; medium, red and white, good.  
*Price, 4 to 6 feet, 25 cents; large size, 50 cents.*

**CHERRIES.**

**Coe's Transparent**. June; medium, pale amber and red.  
**Black Tartarian**. June; large, purplish black.  
**Black Eagle**. July; large, tender, rich, juicy.  
**Downer's Red**. July; light red, tender and juicy.

**May Duke**. June; large, dark red, tender sub-acid.  
**Black Heart**. July; medium, black, fine flavor.  
**Late Duke**. July; large, dark red, sub-acid.  
*Price 75 cents and \$1.00 each.*

**PLUMS.**

**Coe's Golden**. September; large, light yellow, firm, rich and sweet.  
**Green Gage**. September; large, greenish yellow, very fine.  
**Imperial Gage**. August; large, greenish, juicy and rich.

**Jefferson**. August; large, yellow and red, high flavor.  
**Lombard**. September; medium, violet, red, juicy.  
**Washington**. August; large and fine.  
*Price 75 cents and \$1.00 each.*

Special Offer No. 3, only applies to Shrubs on this page.

## JAPANESE PLUMS.

Extremely prolific, very hardy, early fruiting.

**Abundance.** Early. Fruit amber turning to cherry, flesh yellow, juicy, tender and sweet.  
**Burbank.** September; bright red, flesh yellow and sweet.

**Satsuma.** September; purplish red, flesh dark red, juicy and of fine quality.  
*Price 75 cents and \$1.00 each.*

## APPLES.

We can furnish all varieties usually catalogued, but the following list comprises the most desirable sorts.

## SUMMER.

**Astrachan,** large, crimson, very early.  
**Early Harvest,** pale yellow, excellent, early.  
**Sweet Bough,** large, pale yellow.  
**Williams,** dark red, mild flavor.

## AUTUMN.

**Walter Pease,** larger, better flavored more productive, and longer keeper than the *Gravenstein*. Highest quality, \$1.00 each.  
**Gravenstein,** large yellow, striped red.  
**Fameuse** (Snow apple), crimson, flesh white, excellent.  
**Porter,** medium, bright yellow, good.  
**Pippin,** fall, yellowish-green, very fine.

## WINTER.

**Baldwin,** large, dark red, productive, medium.  
**Hunt's Russet,** late yellow, good flavor.  
**Hubbardston,** large, yellow, splashed red, early.  
**King,** large, striped red, excellent.  
**Lady,** small, yellow and red, good.  
**Northern Spy,** large, striped red, good keeper.  
**Rhode Island Greening,** large, yellowish-green medium.  
**Roxbury Russet,** extra quality, largest of the russets.  
**Tolman's Sweet,** medium, light yellow, excellent.  
**Jacob's Sweet,** best late-keeping sweet apple. splendid quality.

*Prices 35, 50 and 75 cents according to size, except as noted. A few sorts in bearing size 1.00 and upwards.*

## CRAB-APPLES.

**Hyslop.** October to January; deep crimson.  
**Red Siberian.** September to October; small, red.

**Whitney,** Aug., Sept.; striped, red and yellow.  
*Price 35 cts., 50 cts. and 75 cts., according to size.*

## PEARS.

We can supply all varieties. Following are the leading kinds.

## SUMMER.

**Clapp.** Very productive; large, juicy and rich.  
**Bartlett.** Large, clear, yellow, juicy; late.  
**Giffard.** Medium; greenish yellow, juicy, good.  
**Wilder.** Ripens beginning Aug., of superior quality. \$1.00.

## AUTUMN.

**Beurre Hardy.** October; large, greenish russet.  
**Belle Lucrative.** September; yellowish green, juicy, melting.  
**Bosc.** October; large, russet, buttery, rich.  
**Buffum.** September; very prolific, good for preserving.  
**Duchesse d'Angouleme.** October; very large, greenish, good.  
**Louise Bonne.** October; large, pale yellowish and red, juicy.  
**Seckel.** September; small, dull brown, red cheeked, sweet.  
**Sheldon.** November; large, russet brown, very juicy.  
**Vermont Beauty.** October; yellow with carmine cheek, rich, juicy and best quality. \$1.00.

## WINTER.

**Anjou.** November—January; large, greenish yellow, red cheek, rich.  
**Dana's Hovey.** November; small, rusty yellow, rich, juicy.  
**Lawrence.** January; medium, pale yellow, sweet.  
**Nellis.** January; medium, of excellent quality.  
**Vicar.** December; very large, yellowish green; cooking.  
*Price (except as noted): Standards, 5-7 ft., 75 cts.; bearing trees of a few varieties, \$2.00, upwards.*

## QUINCES.

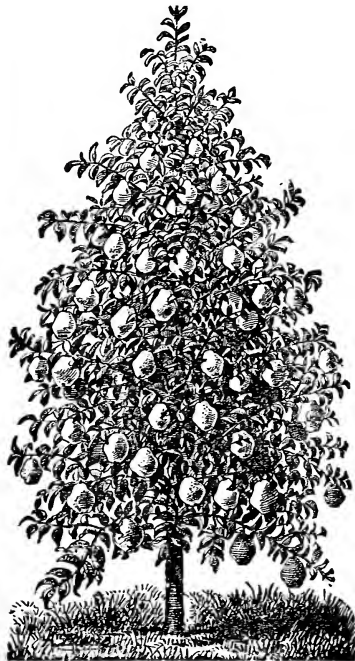
**Orange or Apple.** Large, roundish, bright yellow, productive.  
**Rea's Mammoth.** A fine variety; golden yellow.

**Champion.** Vigorous and productive.  
**Meech.** Comparatively new; quality unsurpassed.  
*Price, 50 cts., 75 cts. and \$1.00 each.*

## APRICOTS.

We offer six varieties that are perfectly hardy in New England. Price, 3-4 ft., 50 cts. each; set, six varieties, \$2.50.

**Special Offer No. 3 only applies to articles on this page.**



## SMALL FRUITS.

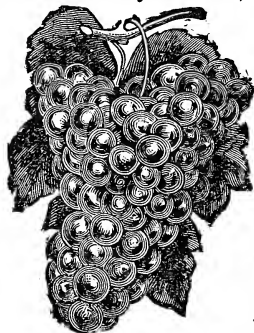
## GOOSEBERRIES.

	Each.	Per doz.		Each.	Per doz.
Smith's Improved, large, light green	\$0.20	\$1.50	Houghton's, pale red, tender and sweet	\$0.20	\$1.50
Industry, very large, dark cherry red	.20	2.00	Downing	.20	1.50

## RASPBERRIES.

	Per doz.	100		Per doz.	100
Cuthbert, red, firm and superior quality	\$1.00	\$5.00	Caroline, best yellow variety	\$1.00	\$5.00
Gregg, largest and best black cap	1.00	5.00	Souhegan, earliest black, very productive	1.00	5.00
Loudon, early crimson, fine quality	1.00	5.00			

## HARDY GRAPES.



We can supply all the really valuable sorts; the following varieties we can recommend for general culture.

Brighton, September, red, sweet, excellent.

Concord, well known, very popular.

Delaware, September; small, unsurpassed quality.

Green Mountain, extra early, productive. \$1.00.

Hayes, white, sweet, juicy, good.

Moore's Early, large, black, earlier than Concord.

Moore's Diamond, large, white, very productive, very good. \$1.00.

Moyer, a new red variety from Canada, a cross between the Delaware and some native sort, juicy and sweet, hardy and productive plants; 1 year old, 50 cts.

Niagara, large, white, melting, sweet, 50 cts.

Pocklington, pale, yellowish green, very sweet, 50 cts.

Vergennes, large, dark red, sweet, juicy.

Worden, black, very productive, good flavor.

Price (except when noted) 1 year vines, 35 cts.; 2 years old, for 50 cts.

## BLACKBERRIES.

	Per doz.	100		Per doz.	100
Early Harvest, extra early productive	\$1.00	\$5.00	Wachusett, hardy, good size and qual.	\$1.00	\$5.00
Dorchester, very early, rich and sweet	1.00	6.00	Lucretia Dewberry, a trailing variety		
Snyder, best quality very sweet	1.00	6.00	of immense size, sweet and luscious	1.00	5.00

## CURRANTS.

	Per doz.	100		Per doz.	100
Cherry, large, red, juicy and acid	\$1.00	\$5.00	White Dutch, the least acid kind	\$1.00	\$7.00
Fay, like cherry, but more prolific	2.00		White Grape, a fine variety	1.00	7.00
La Versailles, very large, red	1.00	7.00	Crandall, an improved sort, fruit very large, 25 cts.		
Red Dutch, a well-known variety	1.00	7.00	each; \$2.50 per doz.		

## STRAWBERRIES.

We consider the following the best system for cultivating the strawberry.

Set your plants about one foot apart in the rows, and the rows three feet apart (it will take about fifteen thousand plants per acre at this distance), and allow them to make runners to fill up a space of about twelve to fourteen inches wide; that would give you a space about twenty-two inches wide for a path.

It is claimed that one can get much more fruit off the same ground grown in these narrow rows than by allowing them to run all over the ground and the fruit is of better quality.

They should have from fifteen to twenty cords stable manure per acre, or one ton of ground bone, one-half ton muriate of potash, and four hundred pounds nitrate of soda to be worked into the soil.

In field culture they should be worked once a week with cultivator, and gone over by hand once in two weeks; care should be taken, after runners start to work cultivator always the same way, to prevent breaking runners.

They should be mulched in fall after ground is frozen to protect from thawing and freezing during winter, and part of the mulch should remain during fruiting season.

Any good corn land will raise strawberries if properly fertilized.

For Garden Culture, set plants one foot apart in the row, and the rows two feet apart, keep the runners cut off, and otherwise carry out the instructions given above.

The varieties marked "P" are pistillate and must have a row of staminate, or perfect-flowered varieties, planted say every ten feet among them. Those marked "S" are staminate or self fertilizing varieties.

Belmont (S). A late, dark crimson sort, quality fine.

Bubach No. 5. (P). Prolific and of good quality. Light scarlet, late.

Brandywine (S). Hardy, very prolific, good quality. Medium.

Clyde (S). Fine, medium early; bright scarlet berries. Per doz., 25 cts.; per 100, \$1.00.

Enormous (P). Large, late, crimson variety.

Gandy (S). Large, late, crimson; two weeks after Belmont.

Glen Mary (S). A new desirable main crop sort. Per doz., 35 cts.; per 100, \$2.00.

Leader (S). Large, bright crimson berries, early and continuous.

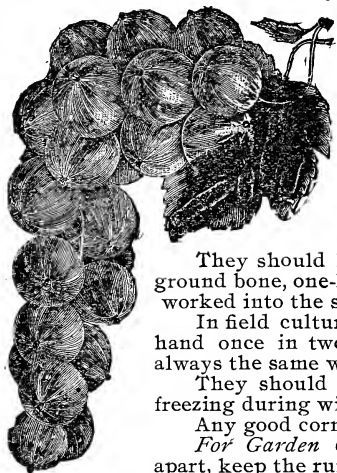
Marshall (S). Very large, dark crimson, fine flavor, late.

Rio (S). A large, early, crimson colored, productive sort of good quality.

St. Joseph Everbearing. The genuine French sort, \$2.00 per 100.

25 cts. per doz.; 75 cts. per 100, except as noted. Pot grown plants, ready in August, \$2.50 per 100.

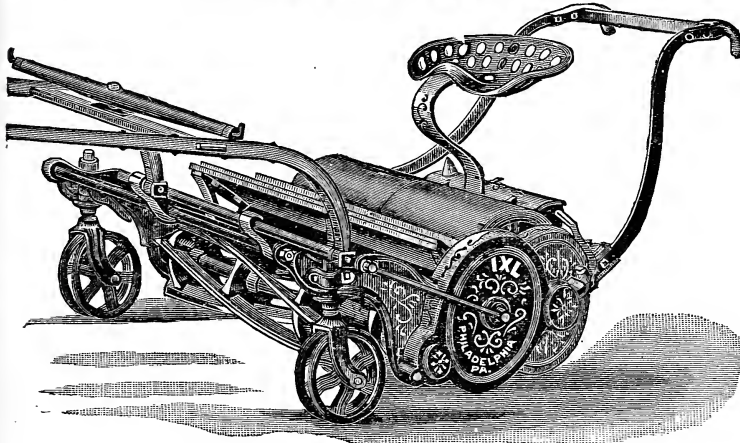
Special Offer No. 3 only applies to articles on this page.



# AGRICULTURAL IMPLEMENTS.

Under the above heading are classed all tools, implements, etc., used on the Golf Links, Lawns, Farm and Garden and in the Household, which are offered for sale in a modern Seed Store and Agricultural Warehouse. Our long experience covering more than three-quarters of a century, and the desire of keeping abreast with the present time, enable us to offer the public the finest selection of such goods to be found in this country. Our principles: "Honesty, Fair Dealing and Square Business Methods," ensure satisfactory results to our customers. If the articles wanted are not found in the following pages, which cover only a limited portion of our stock, send for our large catalogue of Agricultural Hardware, Implements, Machines and Wooden Ware. (Page—— of this Catalogue tells you what it is and how to obtain it.)

## ***Genuine Philadelphia Lawn Mowers for 1901.***



**I. X. L. Pony and Horse Lawn Mower.**

We do not hesitate to claim for these goods superiority in quality and workmanship, as they are made from the best material, and finished by the latest approved methods of manufacture.

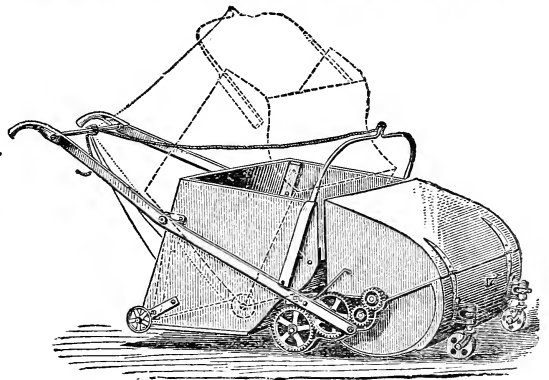
The I. X. L. Mowers have been used on a number of Golf Links during the past two seasons with great success. This is the hardest work a machine can be put to, and the fact that practically no repairs are called for, shows their superiority for this purpose.

For prices see next page.

## ***Philadelphia 40 inch Lawn Sweeper.***

This Sweeper gives you a perfect lawn, instead of looking gray for several days owing to the withered cut grass remaining on the lawn. If the Sweeper and Horse Lawn Mower are run in opposite directions the lawn will be nearly the same shade of color all over.

Mfrs. price, \$70.00 . . . . . Our net price, \$60.00.



## ***The "Cricket" Lawn Mowers.***



Although these machines are sold at very low prices, they are not to be compared with the worthless mowers offered by the Department Stores. We do not pretend they are as good as the "Genuine Philadelphia" shown on next page. They are made for us by the Philadelphia Lawn Mower Co., and we claim the "Crickets" are the best low price Lawn Mowers ever offered.

3 Blade Wiper, 7½ in. Wheel.

Size	14 in.	16 in.	18 in.
Our net price,	\$3.00	\$3.25	\$3.50

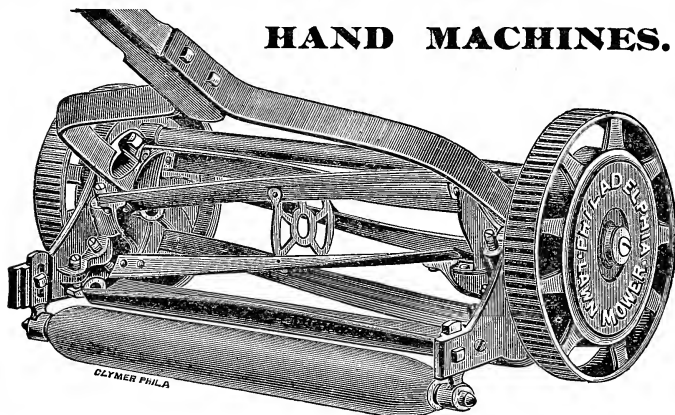
4 Blade Wiper, 10 in. Wheel.

14 in.	16 in.	18 in.
\$4.25	\$4.50	\$5.00

Not included in our special offers.

**See Special Offers on third page of cover.**

# GENUINE PHILADELPHIA LAWN MOWERS FOR 1901. HAND MACHINES.



Although imitated by nearly every manufacturer of lawn mowers, the "Genuine Philadelphia" retains its old place: superior to all others. Imitation of a machine is a sure indication of its merit, for no manufacturer would undertake to imitate an inferior article. The following styles are especially recommended:— Style K. R. B. has roller bearings and is far superior to any ball bearing machine made. Styles T. and K. are old favorites, always giving satisfaction. Style M. for hard service in parks, etc., is unequalled. Style E. High Wheel, is a fine mower. For cutting high grass as well as low grass, use Style X. X. As its name indicates, "Style Golf" is for Golf Greens, where it is necessary to cut the grass very short.

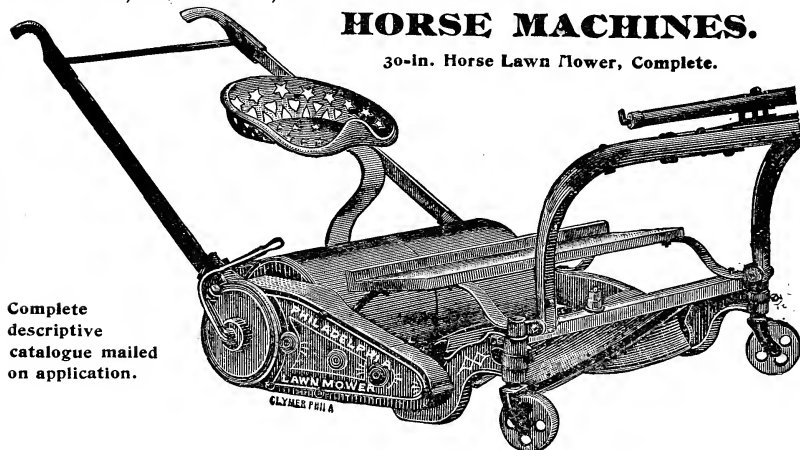
Width of Cut.	Style "K. R. B."		Style "K."		Style "T."		Style "M."		Style "E. H. W."		Style "X. X."		Style "GOLF."	
	Mfrs. Price.	Net Price.	Mfrs. Price.	Net Price.	Mfrs. Price.	Net Price.	Mfrs. Price.	Net Price.	Mfrs. Price.	Net Price.	Mfrs. Price.	Net Price.	Mfrs. Price.	Net Price.
10 inch .							13.00	4.75						
12 " .					16.00	5.75	15.00	5.50						
14 " .	20.00	11.25	20.00	7.25	17.00	6.00	17.00	6.00						
16 " .	22.00	12.50	22.00	7.75	19.00	6.75	19.00	6.75			22.00	10.50		
18 " .	24.00	13.75	24.00	8.50	21.00	7.50	21.00	7.50			24.00	11.50		
20 " .	26.00	14.75	26.00	9.25	23.00	8.25	23.00	8.25			26.00	12.50		
22 " .											28.00	13.50		
15 " .									25.00	9.00			25.00	13.00
17 " .									28.00	10.00			28.00	14.50
19 " .									31.00	11.00			31.00	16.00
21 " .									34.00	12.00			34.00	17.50

All other mowers manufactured are imitations, not the genuine Philadelphia, and are often purchased as our goods.

None are genuine unless the words PHILADELPHIA LAWN MOWER and PHILADELPHIA LAWN MOWER Co. are cast, not stenciled, on the outside of wheel.

## HORSE MACHINES.

30-in. Horse Lawn Mower, Complete.



Complete descriptive catalogue mailed on application.

**Lawn Mowers of all Kinds Properly Repaired.**  
Send Machines to us early and avoid the rush.

In addition to the machines shown in this catalogue we carry in stock all the other mowers made by the Philadelphia Lawn Mower Co., and can furnish same at the lowest cash prices.

I. X. L. Horse Mowers, 30-in., with seat and shafts	.	.	.	.	.	.	.	.	.	.	.	.	.	.
" " 35-in. " "	.	.	.	.	.	.	.	.	.	.	.	.	.	.
" " 40-in. " "	.	.	.	.	.	.	.	.	.	.	.	.	.	.
30-in. Horse Lawn Mower, with draft rod	.	.	.	.	.	.	.	.	.	.	.	.	.	.
30-in. " " " " seat and shafts	.	.	.	.	.	.	.	.	.	.	.	.	.	.
35-in. " " " " draft rod	.	.	.	.	.	.	.	.	.	.	.	.	.	.
35-in. " " " " seat and shafts	.	.	.	.	.	.	.	.	.	.	.	.	.	.

Recommended for the majority of lawns.

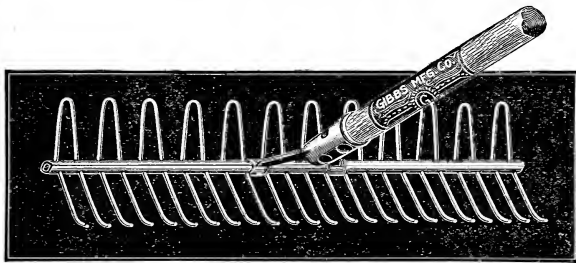
36-in. Horse Lawn Mower, with seat and shafts

For large parks, public grounds and golf links.

Manufacturers' Prices.	Jos. Breck & Sons' Net Cash Prices
\$100.00	\$ 75.00
125.00	95.00
150.00	115.00
100.00	75.00
120.00	90.00
120.00	50.00
140.00	105.00
160.00	125.00

See Special Offers on third page of cover.

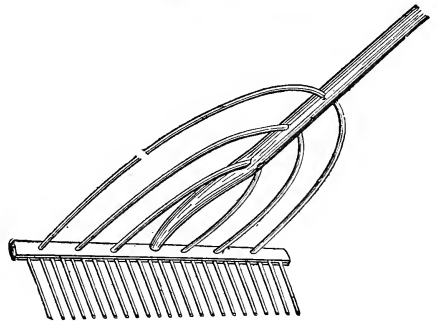
### Wire Lawn Rake.



Cannot injure the Lawn. Very effective.

Our net price . . . . . each, 50 cts.

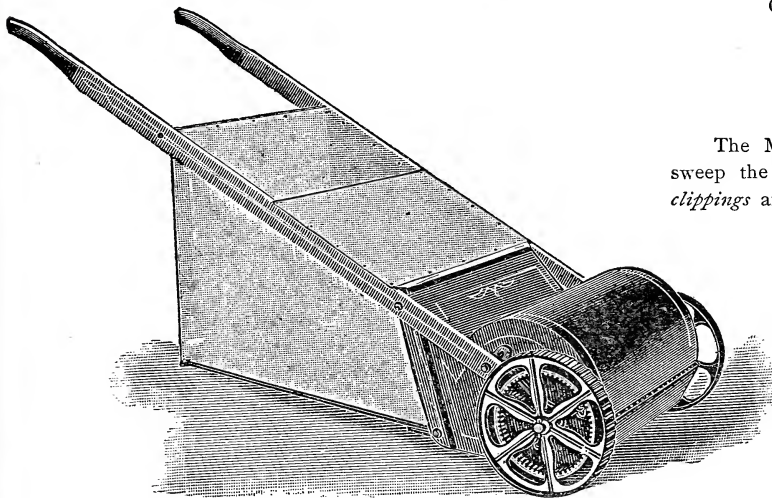
### Wood Lawn Rake.



Hand-made. Extra quality.

Our net price, each, 50 cts.

### Model Lawn Sweepers.



The Model Sweepers are wide, and will sweep the surface clean, *removing all of the clippings* and all other litter foreign to the surface, no matter how light or how heavy. These Sweepers will pick up all the leaves, and the grass will appear as though no leaves had fallen. A Lawn Tennis Court, Croquet ground or park may become littered with bits of paper, sticks, stones, etc.; our Lawn Sweepers will clean them quickly and perfectly. In all these things the Model Sweepers differ from a

grass catcher, that can only be used when and where a mower is used.

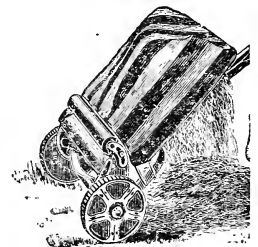
No. 1 Sweepers 21 inches wide . . . . .	Our net price, each, \$11.00
" 2 " 30 " " . . . . .	" " " " 18.00

Not included in our special offers.

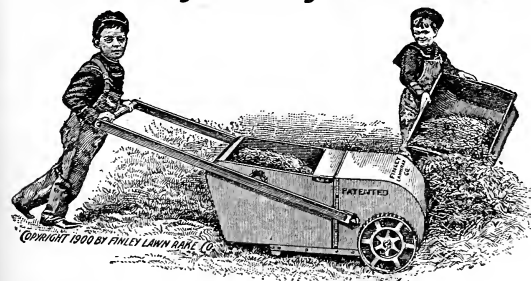
### Cut Grass Collector.

For collecting cut grass. Can be attached to any mower having wood roller Hanger Bolts.

		10 in.	12 in.	14 in.	16 in.	18 in.	20 in.
Low Wheel Mowers.	Our net price, each,	\$1.40	\$1.50	\$1.60	\$1.70	\$1.80	\$1.90
High " " " " " "				15 in.	17 in.	19 in.	21 in.
				\$1.70	\$1.80	\$1.90	\$2.00



### The Finley Rotary Lawn Rake.



Will gather all the leaves, twigs, cones, burrs, and any such litter; and do it in one-third the time required by hand—and better. The wind cannot blow them around, as they are in a basket. It is wonderful what it will do. Let us send you one.

LOWLAND HOUSE, NAHANT P. O., MASSACHUSETTS.  
FINLEY LAWN RAKE COMPANY:

Please send me another Lawn Rake. The Rake I have found most efficient. You are at liberty to make any use you like of any part or all of this letter. The Rake, so far as I am concerned, has talked for itself.

July 27th, 1900.

Our net price, complete . . . . .

GEORGE ABBOT JAMES.

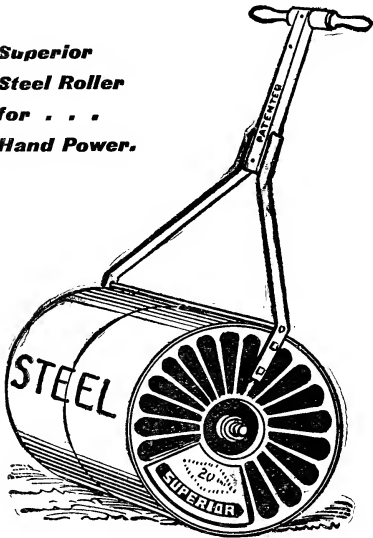
\$12.00.

Not included in our special offers.

See Special Offers on third page of cover.

# LAWN, GARDEN AND FIELD ROLLERS.

**Superior  
Steel Roller  
for . . .  
Hand Power.**



## Steel Lawn Rollers.

Finest Roller made for Golf Links, Lawns, etc.  
Nothing sticks to steel during wet weather, the best time for rolling.

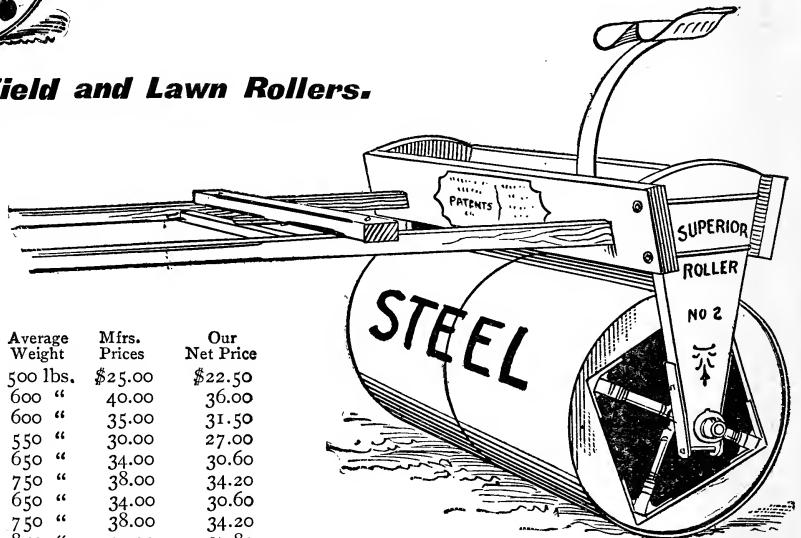
	Mrs. price	Our net price
No. A, 1 section, 20 x 20, 250 lbs.	\$14.00	\$12.60
" B, 1 " 24 x 24, 375 "	18.00	16.20
" C, 2 " 20 x 20, 250 "	15.00	13.50
" D, 2 " 12 x 20, 300 "	17.00	15.30
" E, 2 " 20 x 24, 375 "	19.00	17.10
" F, 2 " 12 x 24, 400 "	21.00	18.90

## Cast Iron Garden Rollers.

	Mrs. price	Our net price
2 section, 7½ x 15, 125 lbs.	\$7.50	\$6.75
3 " 7½ x 15, 180 "	10.00	9.00
1 " 12 x 20, 140 "	11.50	10.35
2 " 12 x 20, 300 "	17.50	15.75
1 " 20 x 20, 220 "	14.50	13.00
1 " 12 x 24, 200 "	13.50	12.15
2 " 12 x 24, 400 "	23.00	20.70

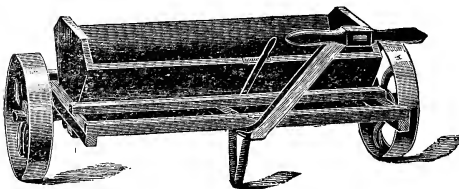
## Steel Field and Lawn Rollers.

These Rollers may be weighted to about three times the average weight given.



No.	Length	Diameter	Average Weight	Mrs. Prices	Our Net Price
2	Lawn, 4 feet.	24 inches.	500 lbs.	\$25.00	\$22.50
1	" 56 inches.	30 "	600 "	40.00	36.00
3	" 6 feet.	24 "	600 "	35.00	31.50
3	Field, 6 "	24 "	550 "	30.00	27.00
7	" 7 "	24 "	650 "	34.00	30.60
4	" 8 "	25 "	750 "	38.00	34.20
5	" 6 "	30 "	650 "	34.00	30.60
9	" 7 "	30 "	750 "	38.00	34.20
6	" 8 "	30 "	850 "	42.00	37.80

## Hand Fertilizer Sower.



Does the work perfectly, sowing all kinds of lawn dressing and other commercial fertilizers, wood ashes, lime, etc., in large or very small quantities. Is excellent for sifting coal ashes, sawdust or dry sand on icy walks; will also sow damp sand by removing two blades.

Mrs. price, \$12.00

Our net price, \$11.50

## Edging Knife.



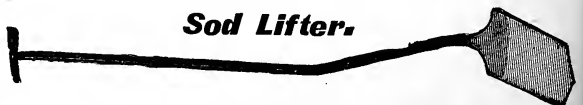
For trimming edges, walks, lawns, etc. Best quality Cast Steel with handle.

Our net price, each, 75c.

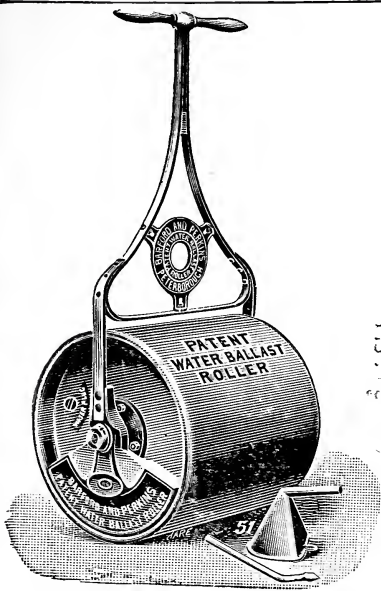
Useful for cutting under strips of sod as they are being rolled.

	Mrs. Price, per doz.	Our net price, each
Wood Handle	\$45.00	\$3.25
Iron Handle	42.00	3.00

## Sod Lifter.



See Special Offers on third page of cover.

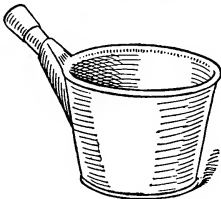


### English Water Ballast Rollers.

For keeping golf greens, lawns and tennis courts in perfect order these Rollers are invaluable, and have been adopted by the English clubs in preference to all others. When the ground is soft they may be used empty, and in dry weather, when all others are useless, they can be filled with water and worked to advantage. When loaded the weight of the Roller is nearly doubled — empty it can be taken from place to place without much labor.

	Weight empty	Weight filled	Mfrs. price	Our net price
One section, 18x18 in.	280 lbs.	450 lbs.	\$32.00	\$28.00
" " 21x21 "	360 "	600 "	40.00	35.00

### Catch Basin or Cesspool Dipper.



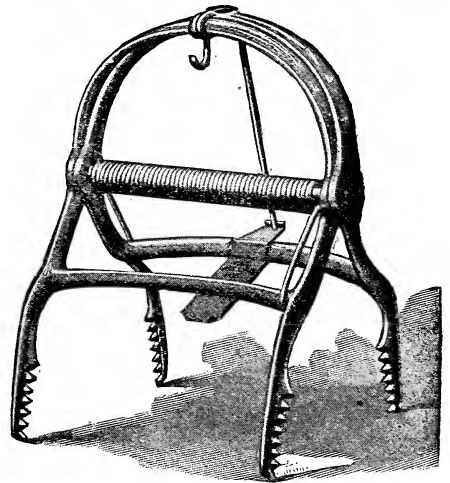
Dippers, galvanized . . . . .	Our net price, \$1.50
" " with handle . . . . .	" " 1.75

Many of our customers have written us that they have been greatly troubled with moles in their lawns. The "Out o' Sight" mole trap is designed and built right, easy to set without danger to operator, can be used in hot-beds on account of its height, pedal can be set so sensitive that it is impossible for the mole to pass under the trap without being caught. A practical field trial of three months warrants us in saying that this is the best mole trap ever invented.

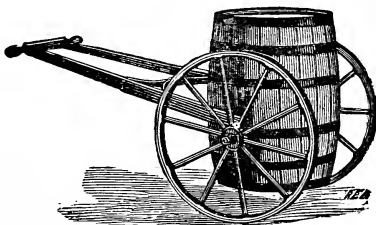
Full particulars with each trap.

"Out o' Sight" Mole Traps . . . . .	Our net price, each, \$1.00	By mail, \$1.25
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### "Out o' Sight" Mole Trap.



### Water Barrel Trucks.



Barrel Truck with Barrel.

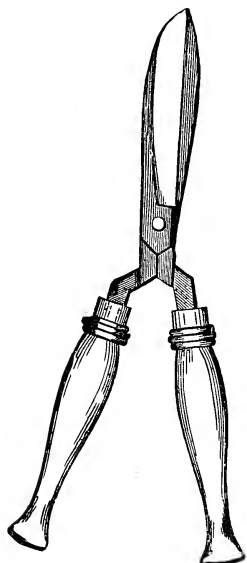


Leaf Rack for Barrel Truck.

A most convenient arrangement on the golf links, farm or lawn. The cuts show the truck with its different attachments. For a well made, durable article we consider the price very reasonable.

Water barrel truck only 1 1/2 in. tires . . . . .	Mfrs. price, each, \$ 7.50	Our net price, each, \$6.75
" " " 3 1/2 " . . . . .	" " 10.00	" " " 9.00
Barrels fitted . . . . .	" " 3.50	" " " 3.00
Boxes " . . . . .	" " 3.50	" " " 3.00
Leaf racks fitted . . . . .	" " 5.50	" " " 5.00
Sprinkling attachments . . . . .	" " 3.75	" " " 3.50

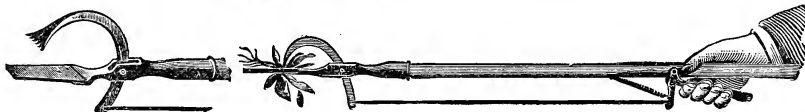
See Special Offers on third page of cover.

**English Grass Hedge and Border Shears.**

			Mfrs. price, per pair.	Our net price, per pair.
No. 100	7½ in. Grass Shears	.	\$1.60	\$1.45
" 100	8 " "	.	1.65	1.50
" 100	9 " "	.	2.00	1.80
" 100	10 " "	.	2.38	2.15
" 101	8 " Hedge Shears	.	1.90	1.70
" 101	9 " "	.	2.25	2.05
" 101	10 " "	.	2.50	2.40
" 107	First size, Ladies' Shears	.	1.75	1.60
" 107	Second size " "	.	1.75	1.60
" 107	Third size " "	.	1.75	1.60
" 104	L. H. Border Shears	9 in.	3.00	2.70
" 104	" " "	10 "	3.50	3.15
" 105	" " " with wheel	9 "	3.50	3.15
" 105	" " " "	10 "	4.00	3.60
" 106	Lawn " "	9 "	3.00	2.70
" 106½	" " " 2 wheels	4 "	9.00	3.60

**English Lawn Scythe.**

Waldron's, made in England, 34 to 36 inches, Mfrs. price, per doz. . \$24.00 Our net price, each . \$1.75

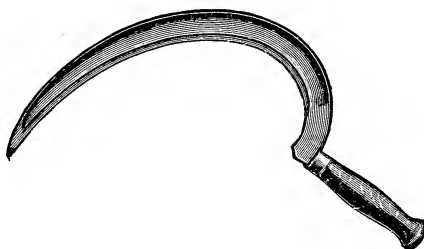
**Cleveland Lawn Weeder.**

No more broken backs. This little device gets at the root of the evil and removes it bodily. Our net price, each, 75c.

**Grass Hooks.****English.**

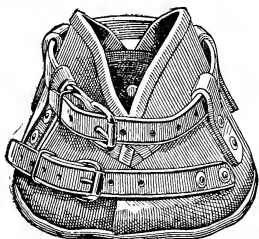
Our own importation. Finest quality.

No. 2	Our net price, each,	\$0.30
" 3	" "	.35
" 4	" "	.40
" 5	" "	.50

**American.**

Made expressly for us. None better.

No. 2	Our net price, each,	\$0.25
" 3	" "	.25
" 4	" "	.25
Nolin Concave	" "	.60

**Horse Lawn Boots.**

In connection with the lawn mower and roller a set of horse boots are indispensable.

They prevent the horse's feet from marking or cutting up the lawn. Very useful in wet weather. In sets of four, made from the finest quality of oak tanned leather.

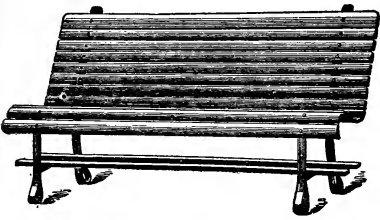
Mfrs. price, per set, \$12. Our net price, \$10

See Special Offers on third page of cover.

**Sheep Shears for Grass.**

No. 510, 6 in. ½-Pol, net price, \$0.50  
American Clippers " .50

By mail add 20c. per pair for postage.

**Boston Park Settee.**

This style of settee is being adopted by all large cities, it being especially adapted to use in parks and public grounds. The standards are made of steel and each slat is bolted on.

Mfrs. price, each . . . \$9.00      Our net price, each, \$7.50

**Extra Heavy Lawn Settee.**

The extra heavy lawn settee shown above is intended for parks and public grounds where an extra strong settee is



required. It has a heavy iron frame, the ends being bolted together with iron rod. Seat and back are made from best quality stock.

4 1/2 ft. long . . . Mfrs. price, per doz., \$60.00      Our net price, each, \$4.75  
5 " " . . . " " " 66.00      " " " 5.00

**Folding Lawn Settee.**

Our folding lawn settees are made from hardwood. Can be folded into a small compass and packed away for the winter. Painted vermilion.

Our net price, each . . . \$1.00

**Q. P. Woven Hammocks.**

The Q. P. hammocks contain the largest amount of first-class stock of any in the market, being made of heavy cotton yarn. All hammocks have our combined hook and ring.

The spreader is impossible to displace, but allows the hammock to adjust itself to any position of the body, making a perfect hammock and bed. The strain being evenly distributed causes it to wear longer and prevents wearing out in the middle. Manufactured in neat and tasty designs in colors and plain white.

**White Hammocks with Bent Spreaders in Both Ends.**

Grade M, size of body, 84 in., width, 48 in., total length, 13 ft.,	Mfrs. price, per doz., \$26.50	Our net price, each, \$1.90
" O, " 78 " 45 " 12 1/2 "	" 20.50	" " 1.50
" E, " 72 " 39 " 12 "	" 13.50	" " 1.10

**Hammocks of Full, Fast Colors, with Bent Spreaders in Both Ends, Adjustable Pillow and Valances.**

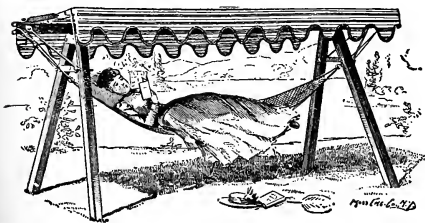
Grade W, size of body, 96 in., width, 58 in., total length, 14 ft.,	Mfrs. price, per doz., \$75.00	Our net price, each, \$5.50
" Y, " 78 " 45 " 12 1/2 "	" 45.00	" " 3.25

**Hammocks, Plain White, with Bent Spreaders in Both Ends, Adjustable Pillow and Valances.**

Grade No. 15, size of body, 96 in., width 58 in., total length, 14 ft.,	Mfrs. price, per doz., \$56.00	Our net price, each, \$4.10
" 17, " 78 " 45 " 12 1/2 "	" 35.00	" " 2.60

**Hammocks of Full, Fast Colors, with Bent Spreaders in Both Ends.**

Grade S, size of body, 84 in., width, 48 in., total length, 13 ft.,	Mfrs. price, per doz., \$34.00	Our net price, each, \$2.50
" T, " 78 " 45 " 12 1/2 "	" 27.00	" " 1.90

**Hammock Frames.**

These frames and chairs stand alone wherever placed, independent of trees, posts, ropes or anchorage of any kind. They have no equal for the lawn, the seashore, the mountain or the lake region. They are strongly made and are thoroughly tested before leaving the factory.

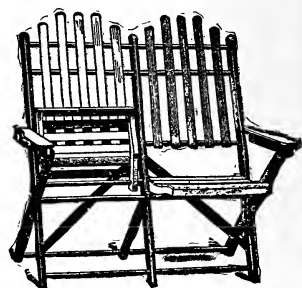
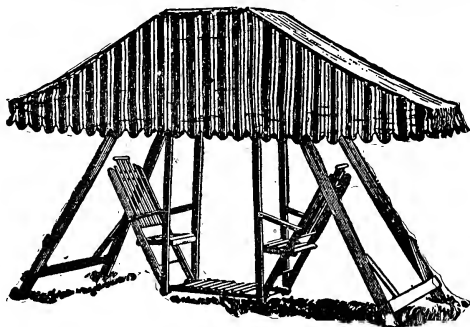
**Hammock Chairs.**

Our Net Price.	Our Net Price.
Hammock frames with awning (see cut). \$8.50	Hammock chair with frame \$4.75
" " without awning . 4.75	" " only . 2.85
	" " frame only 1.90

See Special Offers on third page of cover.

# Lawn Swings, Chairs and Settees.

*"Made in the home of the deer and the moose,  
Of the silver birch and the mountain spruce."*



These **Awnings** are perfectly automatic and furnish a delightful and healthful exercise for persons of all ages, as the smallest child can operate them with absolute ease and safety. As a promoter of health, strength and vitality, this swing has no equal, as with it either gentle or vigorous exercise may be taken at will.

The **Chairs and Settees** illustrated are entirely new in design, and are the only folding ones made, having wide arm rests. They are strong, attractively finished, very comfortable, and for the **Piazza or Lawn** have no equal.

## Price List.

No. 2	Lawn Swings, for the Lawn, seats two (see cut)	. . . . .	Our net price, each,	\$ 5.50
" 5	Double Lawn Swings, for the Lawn, seats four, light	. . . . .	" " "	7.50
" 7	" " " " heavy	. . . . .	" " "	8.50
" 3	Heavy Park Swing, for public parks and picnic grounds	. . . . .	" " "	15.00
" 8	Single Swing, seats two	. . . . .	" " "	8.50
Awnings for No. 2 Swing, large	. . . . . \$5.25	Awnings for No. 2 Swing, small	. . . . .	2.25
Folding Settees (see illustration)	. . . . .	Our net price, each,	. . . . .	1.65
" Chairs	. . . . .	" " "	. . . . .	1.00

## Garden and Lawn Hose.

**The Best, Most Reliable and consequently the Cheapest Hose Sold.**

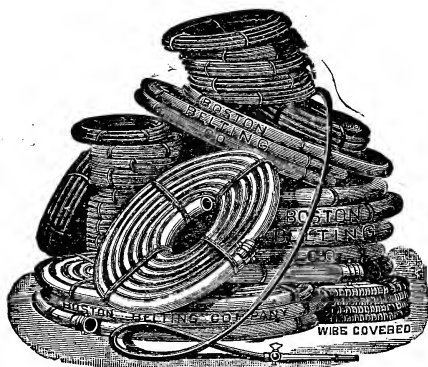
### Price List. Prices Include Couplings.

	Manufac- turers' Prices.	Jos. Breck & Sons' Net Cash Prices.
<b>RUBBER HOSE.</b>		
Superior $\frac{3}{4}$ -inch, 3-ply, for extra heavy pressure, per foot	\$0.30	\$0.20
Boston, $\frac{3}{4}$ -inch, 3-ply, for heavy pressure, per foot	.30	.17
Boston, $\frac{1}{2}$ -inch, 3-ply, " " "	.25	.15
Extra, $\frac{3}{4}$ -inch, 3-ply, for medium " " "	.30	.14
Extra, $\frac{1}{2}$ -inch, 3-ply, " " "	.25	.12
XX, $\frac{3}{4}$ -inch, 3-ply, for light " " "	.30	.13
XX, $\frac{1}{2}$ -inch, 3-ply, " " "	.25	.11

### BLUE LINE COTTON HOSE.

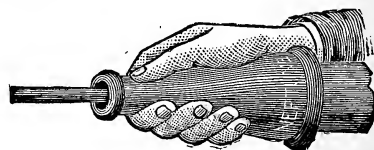
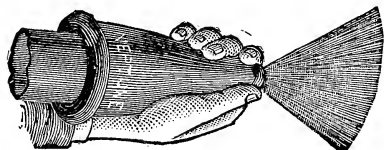
Cotton, $\frac{3}{4}$ -inch, for all pressures, per foot	.30	.12
Cotton, $\frac{1}{2}$ -inch, " " "	.25	.11

Please remember that we offer no cheap grade of Garden Hose; every foot is warranted, and is sure to give satisfaction.



Boss Spray Hose Pipe,

## Neptune Hose Nozzles.



Made of hard rubber with soft rubber tip. By the pressure of the finger on the tip it makes a spray nozzle particularly adapted to florists' use.

Mfrs. price, per doz. . . . . \$5.00 Our net price . . . . . each, \$0.35

By mail, add for postage 5 cents each.

See Special Offers on third page of cover.

**Breck's Combination Sprinkler.**

This Sprinkler is made of solid brass, with holes of the right size to throw a copious and gentle stream on the plants or lawn. The washing up of the soil is avoided by using the "BRECK." The face being flat and the holes bored straight, the spray is thrown without spreading, making it invaluable for hot-house work.

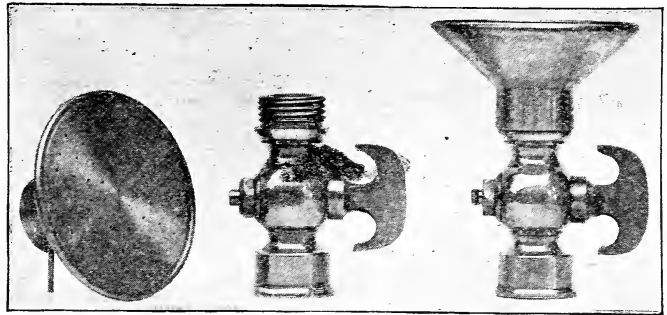
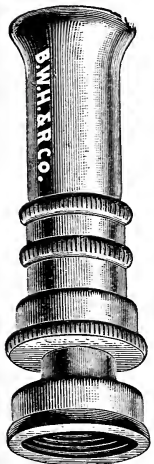


Fig. 1

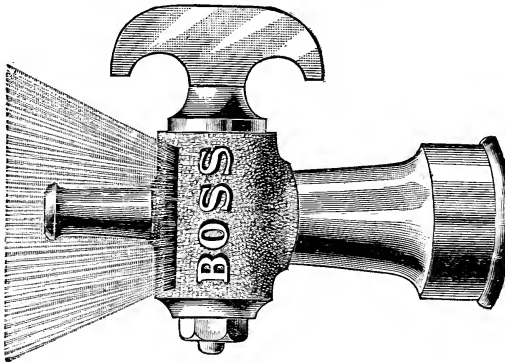
Fig. 2

Fig. 3

Breck Sprinkler, Complete, 3 inch Head	Fig. 3, Our net price, each, \$1.25	By mail, \$1.50
" " Head only, 3 "	" 1, " " .50	" .60
" " " 4 "	" " " .75	" .90
" " Stop Cock only,	" 2, " " .75	" .90

**Hose Pipes or Nozzles.**

Boston  
Hose Nozzle.



Boss Hose Nozzle.

THE BOSS HOSE NOZZLE will throw a straight stream or flat spray — superior for Flower Beds.

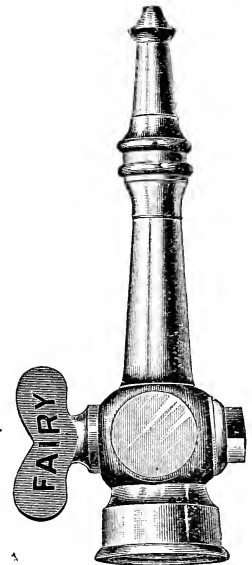
Our net price . . . . . each, 50 cts. By mail, 60 cts.

THE BOSTON HOSE NOZZLE throws two distinct sprays in addition to a straight stream — an old favorite.

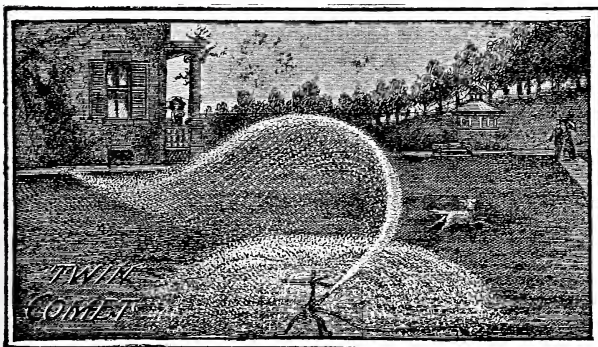
Our net price . . . . . each, 50 cts. By mail, 60 cts.

THE FAIRY SPRAY PIPE, one of the best combination nozzles, throwing either a straight stream or spray.

Our net price . . . . . each, 60 cts. By mail, 70 cts.



Fairy  
Spray Pipe.

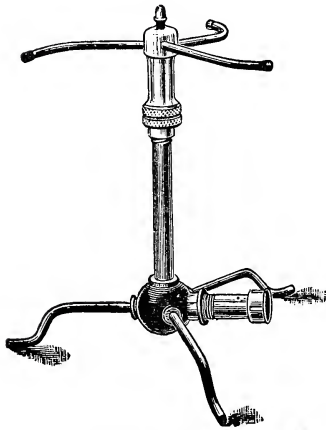
**The "Twin-Comet" Lawn Sprinkler.**

The globe, or body, of the Sprinkler is made in two parts, and by means of the swiftly revolving arms, and intermediate gears, the upper half is made to revolve slowly, carrying the hose nozzle, from which a full stream of water is thrown far out beyond the sprinkle of the arms, thereby covering a larger space than any other stationary sprinkler. Height, 17 inches; weight, 6 lbs.

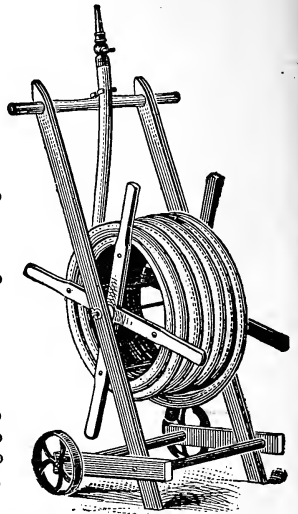
Our net price . . . . . each, \$5.00

See Special Offers on third page of cover.

## Lawn Sprinklers.



Perfection Lawn Sprinkler, each . . .	\$0.75
Noera Revolving Lawn Sprinkler, each .	1.25
Nickel Plated Lawn Sprinklers; 4 arms.	
No ball top . . .	2.75
Nickel Plated Lawn Sprinkler; 4 arms.	
With ball top . . .	3.00
Nickel Plated Lawn Sprinkler; 6 arms.	
No ball top . . .	3.25
Nickel Plated Lawn Sprinkler; 6 arms.	
With ball top . . .	3.50



## Garden Hose Reels.

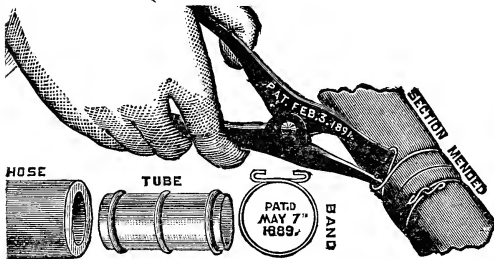
"Hub," carries 100 ft. 3/4-inch hose, each, 2.50	
"Victor," " 50 " " " " 1.00	
"Lawn," " 300 " " " " 9.00	
Our Reels are made from selected stock, nicely painted and finished.	

## Cooper Hose Mender.

No mechanical skill required to mend your hose. Cut out defective place in hose with sharp knife, leaving ends as square as possible, thus insuring close union. Dip ends in water if not already wet. Insert mender a short distance at one end, then take the other piece of hose and do likewise. Take hold of each piece and push them on together, having them meet at centre of mender. Do not expect it to go on too easily as there is great difference in the stability of hose, according to length of time it has been in use, and also the quality.



1/2 in. . . . .	Mfrs. price, per doz., \$1.25	Our net price, by mail, \$0.10
3/4 " . . . . .	" " 1.25	" " .10
1 " . . . . .	" " 2.00	" " .15



## Hudson's Hose Menders.

This device is put up in boxes and is especially adapted for family use. It is made in two sizes, for 1/2 in. and 3/4 in. hose. Each box contains 1 pair pliers, 6 tubes and 20 bands.

Boxes 1/2 in. or 3/4 in. . . . Our net price, per box, \$0.75

By mail add for postage, 15 cents per box. Extras, additional. Pliers, 30 cents each; bands, 18 cents per dozen; 1/2 in. tubes, 36 cents per dozen; 3/4 in. tubes, 42 cents per dozen.



## One Horse Sprinkling Cart.

These carts are intended for sprinkling lawns and private grounds or country places, and for truck gardens and flower gardens, cemeteries, yards and drives. They are very handy sprinklers around railroad shops and mills and lumber yards, and all places where a one-horse sprinkling cart of moderate capacity is useful. They will sprinkle wide or narrow. They can be used for laying dust or for watering grass as the wide tires prevent any injury to the sod. The valves work separately from the driver's seat so that either side can be used. A hose-threaded brass bib faucet is placed in the rear of the barrel, to which a regular three-quarter inch garden hose can be attached for watering plants and filling barrels.

Not included in our special offers.

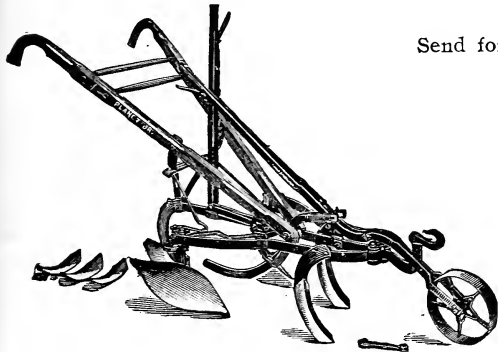
Sprinkling cart as shown. Our net price, \$90.00.

See Special Offers on third page of cover.

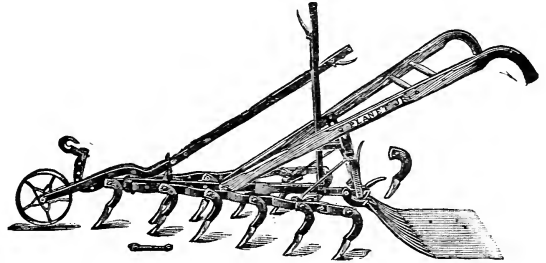
# "Planet Jr." Implements for 1901.

## HORSE TOOLS

Send for complete catalogue, mailed on application.  
For extra parts see next page.



Planet Jr. No. 8 Horse Hoe.

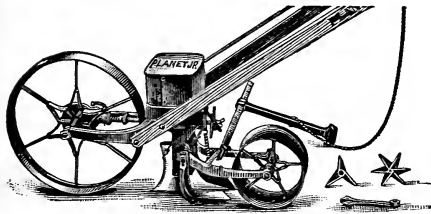


Planet Jr. 12 Tooth Harrow.

	Our net price.
No. 8 Horse Hoe and Cultivator, complete	\$ 8.00
No. 7 " " " "	7.50
Nine-Tooth Horse Hoe	14.00
Pulverizer and Leveller	12.00
No. 9 Plain Cultivator and wheel	5.75
No. 9 " " no " "	5.00
No. 9 Horse Hoe and Cultivator, complete	7.00
Nine-Tooth Horse Hoe Attachment	6.00
Irish Potato Digger	17.50
No. 5 Horse Hoe and Cultivator, complete	6.00
Twelve-Tooth Harrow, complete	8.00
" " without pulverizer	6.50

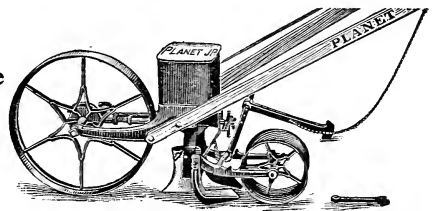
	Our net price.
Twelve-Tooth Harrow, without pulverizer or wheel	\$ 5.50
No. 4 Plain Cultivator, with wheel	4.75
No. 4 " " without wheel	4.00
Double Celery Hiller	13.00
Single Celery Hiller	10.00
Universal Cultivator (cuts 5 feet 3 inches)	35.00
Spring Tooth Universal Cultivator, two horse	31.00
Pivot Wheel Cultivator, complete, two horse	40.00
Two Row Pivot Wheel Cultivator, two horse	45.00

## "PLANET JR." SEED SOWERS.

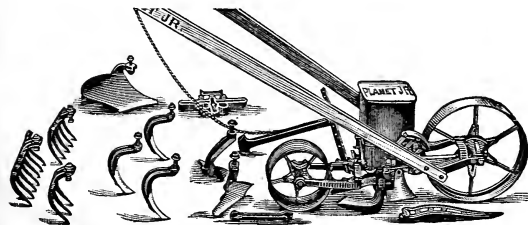


No. 3 Hill Dropping Drill.

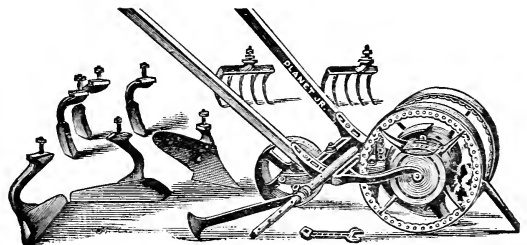
New and Valuable  
Improvements  
for 1901



No. 5 Seed Drill. Rows or Hill.



No. 4 Seed Drill, Complete.



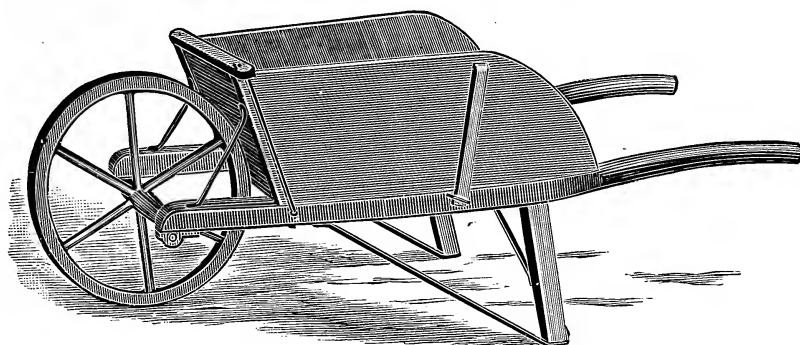
No. 1 Combined Drill, Complete.

No. 2 Seed Drill	\$ 7.00
No. 1 Combined Drill, Cultivator, Rake and Plow	9.50
Fertilizer and Pea Drill	16.00
Fertilizer and Seed Drill Combined	17.50
No. 5 Market Gardener's Hill Dropping Seed Drill	13.00

No. 4 Hill Dropping Seed Drill, Cultivator, Rake and Plow	\$11.00
No. 4 Hill Dropping Seed Drill, (plain as a drill only)	8.00
No. 3 Hill Dropping Seed Drill	10.00
No. 25 Combined Seed Drill and Double Wheel hoe (new, 1900)	13.00

Our Special Offer No. 1 (see third page of cover) applies to all Planet Jr. Goods.



**WHEELBARROWS.**

Eureka No. 2 Boys'	4 Spoke Wheel, painted green	Mfrs. price, \$3.50	Our net price, \$3.25
" " 3 " "	4 " " " " "	3.75	" " 3.35
" " 4 Garden	6 " " " " "	4.00	" " 3.50
" " 5 Farm	6 " " " " "	4.50	" " 4.00
" " 6 Extra Large	6 " " " " "	4.75	" " 4.25
Star " 4 Garden	6 " " hardwood, varnished	4.50	" " 4.00

**Custom Barrows.**

These Barrows are made of the best oak, strongly ironed and heavy braces, bolted, eight spoke wheels and high side boards. The Custom is a stronger and better Barrow than the Eureka and much heavier. Very strong and durable.

Custom Made No. 4 Garden	8 Spoke, painted and striped	Mfrs. price, \$6.25	Our net price, \$5.50
" " " 5 Farm	8 " " " " "	7.50	" " 6.50
" " " 6 Extra Large	8 " " " " "	8.50	" " 7.50

**Special Contractors' Canal Barrows.**

Very strong and durable. Preferable to the regular garden barrows for heavy, rough work.

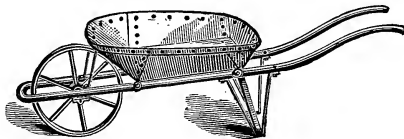
Iron Hub, Wood Wheel, all Bolted	Mfrs. price, \$2.75	Our net price, \$2.25
Patent Steel Wheel, all Bolted	3.00	" " 2.50
Steel Tray, Canal Barrows, capacity, 3 cubic feet	7.25	" " 4.50

**Sand, Gravel and Coal Screens.**

All wire in these screens is made of the very best Bessemer steel and is drawn to a temper most adapted to wear and stand the longest in the screen. It is an extra heavy grade and the wires double crimped.

The frames are of seasoned oak, strongly made and ironed. The woodwork is done over with a heavy coat of clear raw linseed oil, adding greatly to the preservation of the screen when exposed to the weather. Any size of mesh desired.

With iron leg . . . Our net price, each, \$7.50

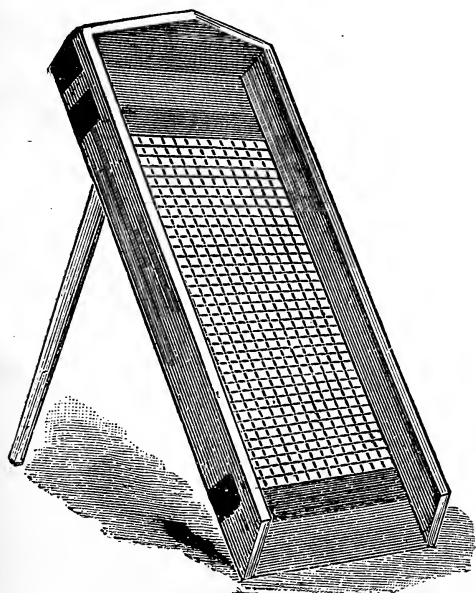
**Steel, Coal and Dirt Barrows.**

The trays of these barrows are made of one piece of steel, of the same thickness throughout. The expense of repairing wooden barrows is greater than the original cost, and the loss of time so increases the expense that the steel barrow is cheaper in the end.

These barrows are made to dump forward, and are so constructed that at the dumping point they will not run back on the operator.

	Mfrs. price	Our net price
Dirt, capacity, 3 cubic feet . . .	\$10.75	\$9.50
No. 6 Coal Barrow, 225 lbs. coal,	15.00	13.50
" 7 " " 300 " "	18.00	16.50
" 8 " " 450 " "	20.00	18.00

See Special Offers on third page of cover.



**Steel Crowbars.**

Solid Cast Steel, Wedge Points . . . . . Our net price, per lb., \$0.07

**Adze Eye Picks.**

Common Farm Picks, handled . . . Our net price, \$1.15 Contractors' Picks . . . Our net price, \$1.50

**Adze Eye Mattocks.**

Long cutter mattock, extra quality, \$1.25

" " " good " 1.00

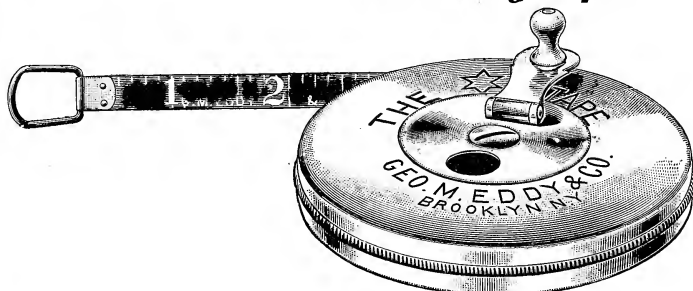
Short " " extra " 1.25

" " " good " 1.00

Pick mattock, extra quality . 1.25

" " good " 1.00

Handles, each . . . . . .25

**Measuring Tapes.****Metallic Warp.**

	Net Prices.
50 feet, each . . .	\$2.50
75 " " . . .	3.50
100 " " . . .	4.00

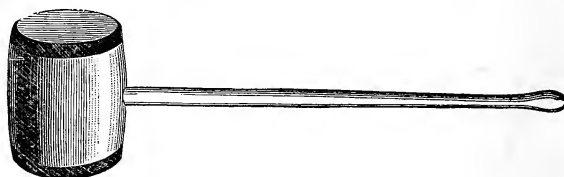
**Steel.**

50 feet, each . . .	\$ 7.25
75 " " . . .	10.75
100 " " . . .	13.50

**Wood Beetles.**

Heads made from selected elm stock.  
For driving wedges, etc. Heavy iron bands  
to prevent splitting.

Our net price, each . . . \$3.00

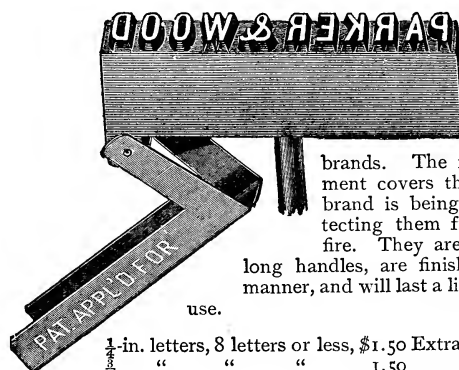
**Rattan Brooms.**

Upright Rattan . . . Our net price, \$0.55

Push Broom, 4-Row . . . . . .65

" " " " 1.00

extra, with Scraper " " 1.25

**New Pattern Burning Brand.**

Each brand is cast in one piece, allowing no chance for the letters to become loose as in the old-style

brands. The iron shield attachment covers the letters while the brand is being heated, thus protecting them from injury by the fire. They are made with extra long handles, are finished in a superior manner, and will last a life-time with proper

use.

1-in. letters, 8 letters or less, \$1.50	Extra letters, each, \$0.15
" " " 1.50	" " .15
" " " 1.50	" " .15
" " " 1.50	" " .20
" " " 2.00	" " .20
" " " 2.50	" " .25

Special Offer No. 3 (see third page of cover) applies to articles on this page.

**Shovels and Spades.**

"Columbia" Shovels and Spades . . . . .	Our net price, each, \$1.22
"Our Leader" " . . . . .	" " 1.08
"Hub Solid Steel" " . . . . .	" " .88
"O. Ames" " . . . . .	" " 1.27

Long or D Handles same price.

**Nursery Spades.**

"O. Ames No. 2" . . . . .	Our net price, each, \$1.55
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**Scuffle Hoes.****American.**

6 in., handled . . . . .	Our net price, each, \$0.30
7 " " . . . . .	" .35
8 " " . . . . .	" .40
9 " " . . . . .	" .45
10 " " . . . . .	" .50

**Dutch.**

6 in., handled . . . . .	Our net price, each, \$0.60
7 " " . . . . .	" .65
8 " " . . . . .	" .80
9 " " . . . . .	" .85
10 " " . . . . .	" .90

**Arlington.**

For Market Gardeners, very popular . . . . .	Our net price, each, \$1.65
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**Manure and Spading Forks.****Manure.**

4 Tine D Handle . . . . .	Our net price, each, \$0.80
5 " " . . . . .	" 1.15
6 " " . . . . .	" 1.25

**Spading.**

4 Tine Light D Handle . . . . .	Our net price, each, \$0.95
4 " Heavy " " . . . . .	" 1.00
4 " Flat " " . . . . .	" .95

**Hoes.**

Field, 6 to 8 in. socket, extra quality . . . . .	Our net price, each, \$0.45	Field, 6 to 8 in. shank, extra quality . . . . .	Our net price, each, \$0.40
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**Acme.**

Special design, very popular . . . . .	Our net price, each, \$0.75
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**Warren.**

For planting and covering . . . . .	Our net price, each, \$0.70
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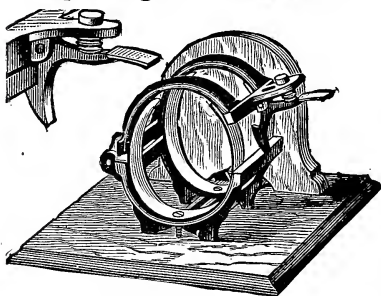
**Rakes.****Garden.**

10 Teeth . . . . .	Our net price, each, \$0.40
12 " . . . . .	" .50
14 " . . . . .	" .60
16 " . . . . .	" .65
18 " . . . . .	" .70

**Gravel.**

12 Teeth . . . . .	Our net price, each, \$0.50
14 " . . . . .	" .60
16 " . . . . .	" .65
18 " . . . . .	" .70

Special Offer No. 3 (see third page of cover) applies to articles on this page.

**Asparagus Buncher.**

Our net price, each . . . \$2.50

**Garden Line Reels.**

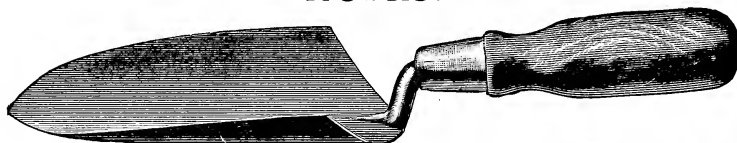
Malleable iron, japanned. Our net price, each, \$.75

**Braided Garden Lines.**

50 ft.	Our net price, \$.38	By mail, \$.50
100 "	" " .75	" " 1.00

**Asparagus Knives.**

Round handle (see cut)		Our net price, \$.50	By mail, \$.75
Flat	"	" " .65	" " .90

**Trowels.****English.**

6 in., riveted shank	Our net price, \$.40
7 " "	" " .45
7 " welded	" " .50

By mail, add 15 cents each.

**American.**

6 in., or ladies' trowel	Our net price, \$.12
7 " "	" " .15
8 " "	" " .20

By mail, add 10 cents each.

**Garden Forks, Dibbles and Weeders.**

	Our net price.	By mail.
Fig. 1. Transplanting fork, English, each,	\$.40	\$.60
" " " American "	.15	.25
Fig. 2. Dibble	.50	.65
" 3. Noyes's hand weeder	.25	.35

	Our net price.	By mail.
Fig. 4. Excelsior hand weeder	each, \$.10	\$.15
" Forged steel "	" .35	.50
" 5. Haselton's "	" .25	.30
Lang's "	" .25	.30

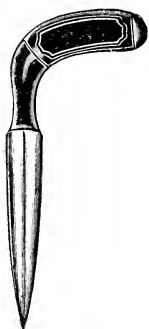


Fig. 2.



Fig. 3.

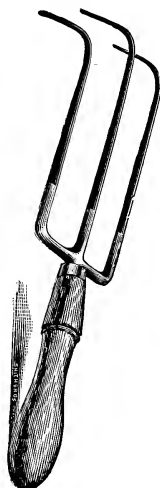


Fig. 4.



Fig. 1.



Fig. 5.

Special Offer No. 3 (see third page of cover) applies to unavailable articles on this page.

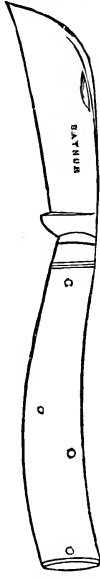
**English Pruning and Budding Knives.**



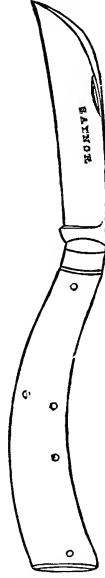
No. 323.



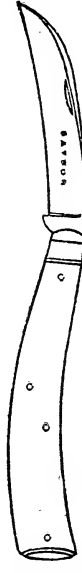
No. 204.



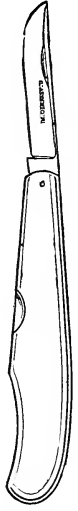
No. 190.



No. 187 BC.



No. 312.



No. 1 NB.

No. 190	Buck handle, large Pruning . . .	\$1.40
" 312	" peach " . . .	1.25
" 187 BC	" medium " . . .	1.25

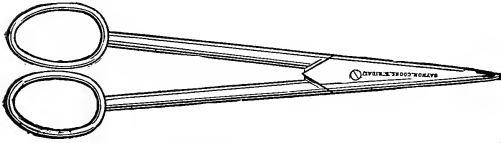
By mail, add for postage 10 cents each.

No. 1NB	Ivory Handle Budding . . .	\$1.35
" 323	" " " . . .	1.40
" 204	" " " . . .	1.50

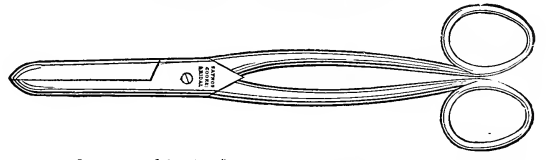
By mail, add for postage 5 cents each.

**Vine Scissors.**

**Flower Gatherers.**

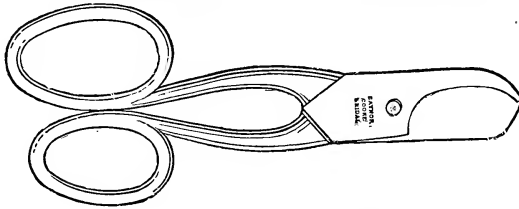


Imported . 6-inch, \$0.85 7-inch, \$1.00 8-inch, \$1.10  
By mail, add 10 cents per pair.



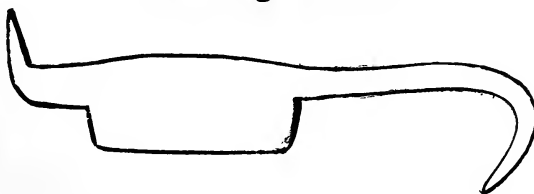
Imported . 6-inch, \$0.90 7-inch, \$1.15 8-inch, \$1.35  
By mail, add 10 cents per pair.

**Pruning or Bow Scissors.**



Pruning or Bow Scissors, imported . . . . . 4-inch, \$0.50 5-inch, \$0.75 6-inch, \$0.85 7-inch, \$1.00  
By mail, add 10 cents per pair.

**Grafting Chisel.**



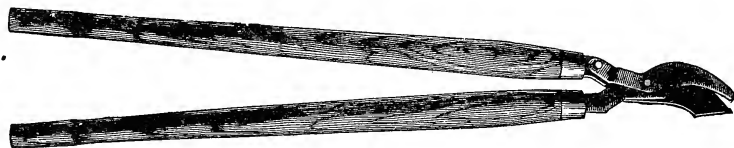
Made from the finest forged cast steel . . . . . Our net price, \$0.50  
By mail add 10 cents each.

See Special Offers on third page of cover.

**Pruning Saws.**

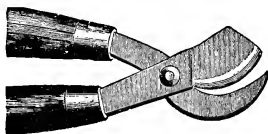
All kinds. Made from the finest quality steel.

Single Edge . . . . .	Our net prices, 18-inch, \$0.90	20-inch, \$1.10
Double " . . . . .	" " 18 " 1.00	20 " 1.20
Adjustable Pole Pruning . . . . .	Our net price, .75	
Forrest, No. 10, " . . . . .	" " . . . . .	1.50
Pruning Saw and Chisel . . . . .	" " . . . . .	.90

**"Glyde" Draw Cut Pruners.**

The finest pruning tool made. Hand-forged from the best quality of Shear Steel. Every pair warranted. No. 1 will cut limbs  $2\frac{1}{2}$  inches in diameter. Draw or slide cut.

No. 1 Draw Cut, large size . . . . .	Our net price, per pair, \$2.50
" 2 " " small " . . . . .	" " " 2.00

**Rockdale Pattern Pruner.**

Blades forged from best cast steel, will cut limbs  $1\frac{1}{2}$  inches in diameter with ease.

Rockdale Pattern, 24-inch handles . . . . .	Our net price, \$0.75
" " 41 " . . . . .	" " 1.00

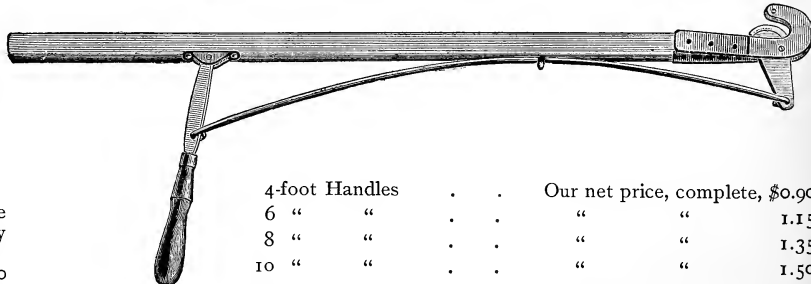
**Pruning Shears.**

French Wheel Spring . . . . .	Our net price, 7-in., \$1.25	8-in., \$1.50	9-in., \$1.75	10-in., \$2.00
Taylor Pattern, No. 1 Flat Spring . . . . .	Our net price, per pair, .40			
" " " 2 Spiral " . . . . .	" " " . . . . .	" " " . . . . .	" " " . . . . .	.50
" " " 9 Loop Handle . . . . .	" " " . . . . .	" " " . . . . .	" " " . . . . .	.50
" " " 12 Volute Spring . . . . .	" " " . . . . .	" " " . . . . .	" " " . . . . .	.50
No. 7347 California Pattern . . . . .	Our net prices, 8-in., \$1.25 9-in., \$1.50 10-in., 1.75			

By mail, add for postage 10 cents per pair.

**Telegraph Pruner.**

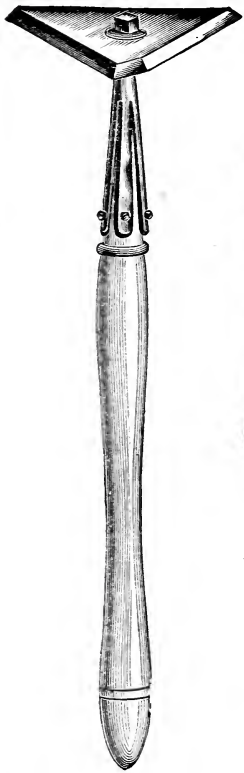
Sold without handles. To be operated with a cord. Any length of handle can be used.  
Our net price, each . . . \$1.50  
Extra knives (by mail) . . . . .25  
" Springs " . . . . .25

**Waters' Improved Tree Pruner.**

4-foot Handles . . . . .	Our net price, complete, \$0.90
6 " " . . . . .	" " 1.15
8 " " . . . . .	" " 1.35
10 " " . . . . .	" " 1.50
12 " " . . . . .	" " 1.70
Extra Knives . . . . .	" each, .20

See Special Offers on third page of cover.

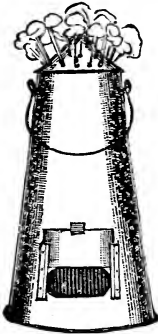
Adjustable  
Pole Saw.Single Edge  
Pruning Saw.



### Tree Scrapers.

Blades fastened by square-head machine bolts; hardwood handles.

No. 10, blade $\frac{1}{4} \times 5$ in. . . . .	Our net price, each, \$0.60
" 20, " $\frac{1}{8} \times 5$ " . . . . .	" " .40



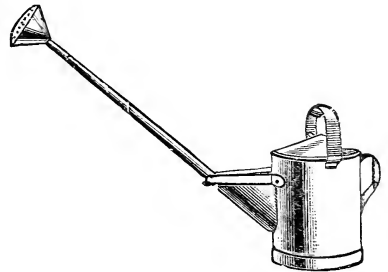
### Galvanized Fumigators.

No. 1 Eureka, capacity $\frac{1}{2}$ peck . . . . .	Our net price, each, \$1.50
" 2 " " 1 " . . . . .	" " 2.00
" 3 " " $\frac{1}{2}$ bushel . . . . .	" " 2.50
" 4 " " $\frac{3}{4}$ " . . . . .	" " 3.50
" 1 Perfection, small . . . . .	" " 3.00
" 2 " medium . . . . .	" " 3.50
" 3 " large . . . . .	" " 4.00
" 5 " extra large . . . . .	" " 5.50

### Water Pots.

#### Tin, Painted Green.

2 qt. Our net price, \$0.40	8 qt. Our net price, \$0.75
3 " " " .50	10 " " " .90
4 " " " .60	12 " " " 1.05
6 " " " .70	16 " " " 1.30



#### Galvanized Iron.

Regular Pattern.	French Pattern.
4 qt. Our net price, \$1.50	4 qt. Our net price, \$1.75
6 " " " 1.75	6 " " " 2.00
8 " " " 2.00	8 " " " 2.25
10 " " " 2.25	10 " " " 2.50
12 " " " 2.75	12 " " " 3.00

### Brass Syringes.



No. 5.

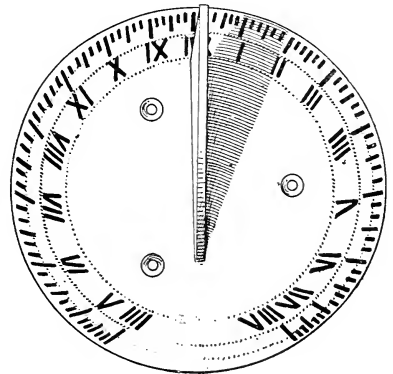


No. 3.

No. A, one spray rose and jet, length 12 in., diameter 1 in. . . . .	Our net price, each, \$2.50
" 3, two " " cone valves, length 18 in., diameter $1\frac{1}{2}$ in. . . . .	" " 7.00
" 5, " " " " " 18 " $1\frac{1}{2}$ " . . . . .	" " 9.00
Ladies' two spray rose and jet, cone valves, side attachments } " 14 " 1 " . . . . .	" " 4.00
No. G, one spray rose and jet, angle joint " 16 " $1\frac{1}{2}$ " . . . . .	" " 5.00
" L, one rose may be used straight or on side (see cut) } " 16 " $1\frac{7}{8}$ " . . . . .	" " 4.50
" 7, two spray roses and jet, length 16 in., diam. $1\frac{1}{4}$ in. . . . .	" " 4.00

### Sun Dials.

No old fashioned garden was quite complete without its Sun Dial. It is true that in those times clocks were not so common as now, still, the fact that the time of day can be told by the Sun Dial approximately makes it an object of utility and ornament, as well as a curiosity not often seen at the present day. Our Dials are adapted to this latitude, well made and quite accurate.



	Mfrs. price.	Our net price.
Iron, painted . . . . .	per doz., \$18.00	each, \$1.25
Brass composition, finely polished . . . . .	" 54.00	" 4.00

See Special Offers on third page of cover.

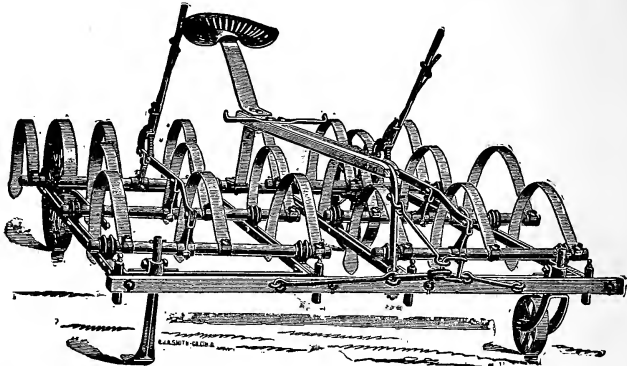
**The "BAY STATE" Wheel Harrow.**  
WITH RIDING ATTACHMENT.

**THE ONLY HARROW** in the market having a Riding or Wheel attachment whereby the harrow is practically independent of the wheel attachment, and when the levers are thrown forward and teeth raised, or when teeth have entered the ground, the frame rests upon the axle and supports attached to it.

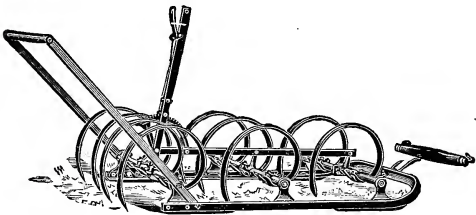
**OVERCOMES** the objections that exist in other Spring Tooth Harrows, and will work in trash, stones and soils where other Harrows fail.

Send for descriptive circulars, mailed free.

Made with 16 teeth, larger sizes to order.



Manufacturer's price, 16 Tooth Harrow complete \$25.00. Our net price \$24.00.



**Our Horse Spring Tooth Harrow.**

The teeth of this harrow are adjusted by shoes which always give the teeth the proper pitch and regulate them to any depth required. The shoes always keep the frame off from the ground so it is not liable to gather trash and get clogged. In case it does get clogged the levers can be thrown ahead, which raises the teeth above the frame, and thus free the harrow in an instant.

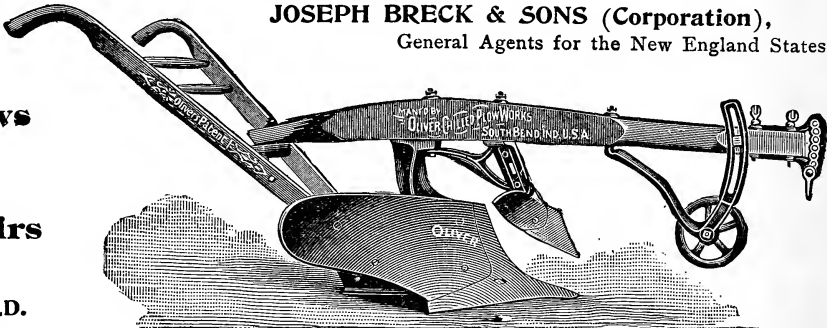
Each harrow has nine teeth and is furnished complete with handles and whiffletree.

Mfrs. price, each, \$15.00 . . . . . Our net price, each, \$12.00

**Genuine Oliver Chilled Plows.**

**JOSEPH BRECK & SONS (Corporation),**  
General Agents for the New England States.

**GENUINE**  
**Oliver Plows**  
**AND**  
**GENUINE**  
**Oliver Repairs**  
**ARE THE**  
**BEST IN THE WORLD.**



DESCRIPTION.	Capacity.	Weight.	Plain.	With Wheel.	With Wheel and Jointer or Cutter.
No. A. Light One-Horse . . . . .	Furrow, 4½ x 8 in.	50 lbs.	\$4.50	\$ 5.25	\$ 6.75
" B. Medium " . . . . .	" 5 x 10 "	65 "	6.00	6.75	8.25
" 10. Heavy " . . . . .	" 5½ x 11 "	70 "	7.00	7.75	9.25
" 13. Very Light Two-Horse . . . . .	" 6 x 11 "	80 "	8.00	8.75	10.25
" 19. Light " . . . . .	" 6½ x 12 "	100 "	8.50	9.50	11.50
" 20. Medium " . . . . .	" 7 x 13 "	110 "	9.00	10.00	12.00
" E. Heavy " . . . . .	" 7 x 14 "	125 "	9.50	10.50	12.50
" 40. Heavy Two or Three-Horse . . . . .	" 9 x 16 "	130 "	9.50	10.50	12.50

**Oliver Hillside or Swivel Plows.**

DESCRIPTION.	Capacity.	Weight	Plain.	Complete W. & J.
No. 52. Light One-Horse . . . . .	Furrows, 6 x 11	100 lbs.	\$10.00	
" 56. Heavy Two-Horse . . . . .	" 6 x 14	160 "	13.00	\$16.00
" 57. Medium " . . . . .	" 6 x 13	140 "	12.00	15.00

Beware of imitation plows and extras, claiming to be the genuine Oliver or equally good. The genuine plows and repairs, direct from the factory, are for sale in New England only by us and our authorized agents. All others are spurious, and cannot be relied upon to fit well or do good work.

**See Special Offers on third page of cover.**

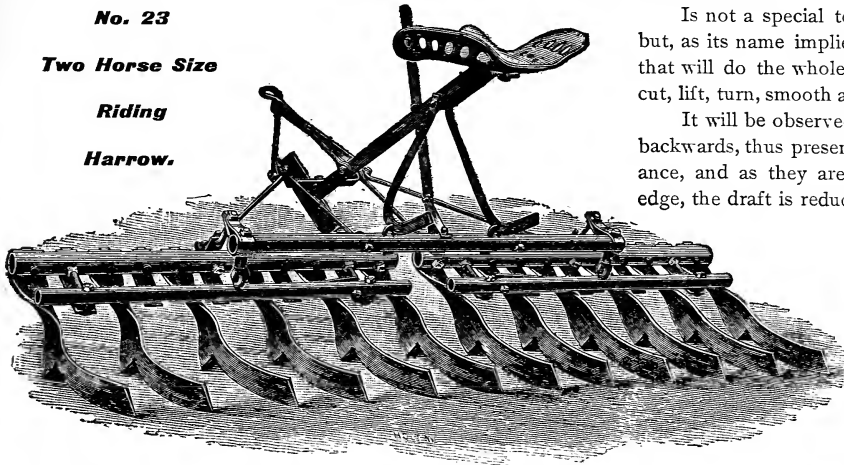
## Acme Pulverizing Harrow.

No. 23

Two Horse Size

Riding

Harrow.



Is not a special tool, as some have supposed, but, as its name implies, a general purpose harrow that will do the whole business, viz.: it will crush, cut, lift, turn, smooth and level, all in one operation,

It will be observed that the Coulters all slope backwards, thus presenting the least possible resistance, and as they are beveled and ground to an edge, the draft is reduced to a minimum.

Not included in our special offers.

Our net prices.

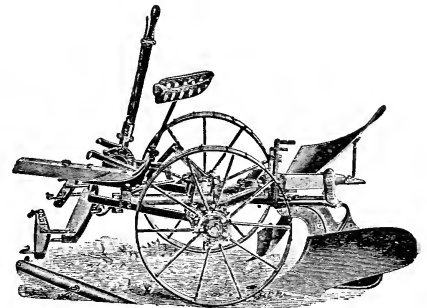
No. 23	6 ft. 6 in. cut,	\$18.00
" IT	6 " 6 " "	16.00
" H	4 " 4 " "	14.00
" G	3 " " "	9.50

## National Reversible Sulky Plow.

The National has been especially designed to meet the wants of Eastern farmers, and succeeds not only upon level farms, leaving them without tracks or dead furrows, but is equally adapted to stony, rough side hill farms, turning the land with the slope, and not up the hill, as is the case with all one-way sulky plows.

Neck yoke, evener, whiffletrees which answer for two or three horses abreast, are sent with each plow.

Our net price . . . . . \$52.50

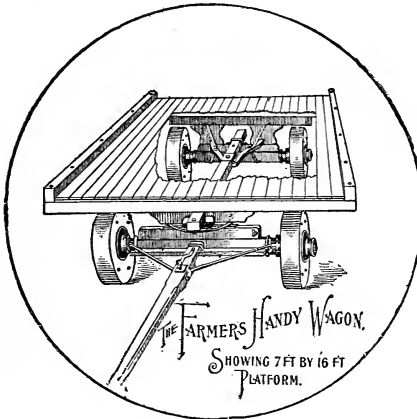


## Farmer's Handy Wagon.

All thrifty farmers have for some time felt the necessity for a low-down, wide-tire, short-turning, broad-platform wagon for general use upon the farm. This demand, until the first "Handy Wagon" was built, had never been met. This wagon has been on the market for eight years, and it has reached as high a state of perfection as ingenuity and the criticism of its many users can effect. The No. 9 Farmer's Handy Wagon is the latest, and we believe it to be the best general purpose two-horse farm truck made. It, in connection with our platform, combines all the advantages which are sought in a farm truck.

No. 9 Farmer's Handy Wagon . . . . . Our net price, \$35.00  
Platform Frame for No. 9 6½ x 13 ft. . . . . " " 7.00

Complete descriptive catalogue mailed on application.  
Not included in our special offers.



## The "Model B" Disc Harrow.

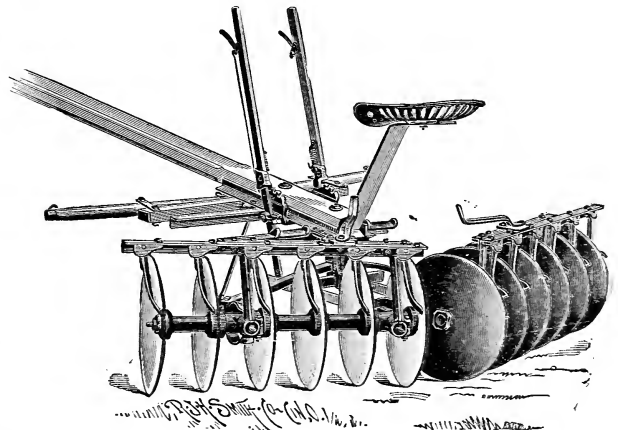
The most practical disc harrow on the market. The bearings are of chilled iron and are fitted with steel balls running against chilled surface to take end thrust of disc gang. Box is cast solid in one piece, and chilled on inside, and is provided with dirt proof oil cups leading into an oil chamber, which effectually lubricates the bearings at all times. Ends of bearings are protected by dust bands one-half inch long at each end.

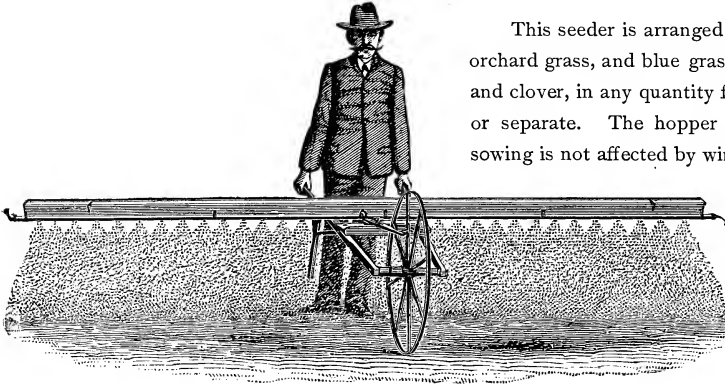
No. 1 Twelve 16 inch discs, cuts 6 feet, complete, with whiffletrees, evener, neck yoke and scrapers.

Mfrs. price, each, \$30.00.

Our net price, \$25.00

See Special Offers on third page of cover.



**Thompson Wheelbarrow Grass Seeder.**

This seeder is arranged to sow all chaffy seeds such as red top, orchard grass, and blue grass, and all seeds like timothy, hungarian and clover, in any quantity from 6 to 40 quarts to the acre, mixed or separate. The hopper being carried close to the ground, the sowing is not affected by wind.

No. 5 Seeder, complete, with 14-ft. hopper.

Mfrs. price . . . each, \$13.00

Our net price . . . " 9.00

No. 4 Grain Hopper only, to use instead of regular Hopper.

Mfrs. price . . . each, \$6.00

Our net price . . . " 4.00

That spraying pays is the universal opinion of the Agricultural Experiment Station and of dealers who handle all kinds of fruits. With these facts in view, be sure to get the best pump for the purpose.

No. 544 Double Acting Barrel Spray Pump Our net price, \$10.00

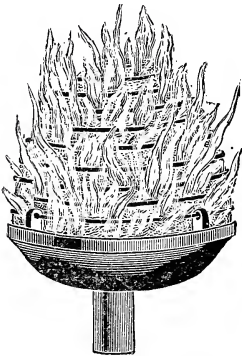
" 790 California Favorite " " " 18.00

" 659 Little Giant " " " 3.00

" 700 Breck's Portable Hand Force " " " 4.50

" 547 Copper Knapsack Spray Pump " " 14.00

Special circulars, describing above pumps, mailed on application.

**Spray Pumps.****Asbestos Torches.**

Save your trees! Destroy the caterpillars. Saturate with kerosene oil, light and hold under the caterpillars' nests, and pass quickly along the branches and around the trunk of the tree where the insects lodge. The great heat instantly destroys the insects, and will in no way injure the trees.

Net price, \$0.50 By mail, \$0.60

**Dry Powder Guns.**

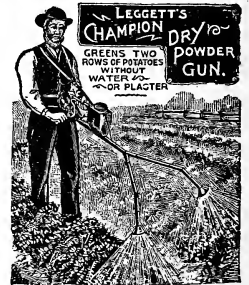
The distribution of the powder can be so easily regulated that a half pound or a pound of pure Paris green or London purple may be evenly distributed over an acre of potatoes.

Champion . Our net

price, \$7.50

Little Giant. Our net

price \$5.00

**Sprayers.**

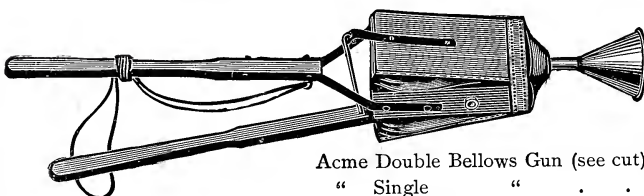
All Tin . . . Our net price, each, \$0.50

" Brass . . . " " 1.00

For distributing Paris green and other powders. The double bellows gun delivers a continuous stream.

Our net price, each, \$2.00

" " " 1.00

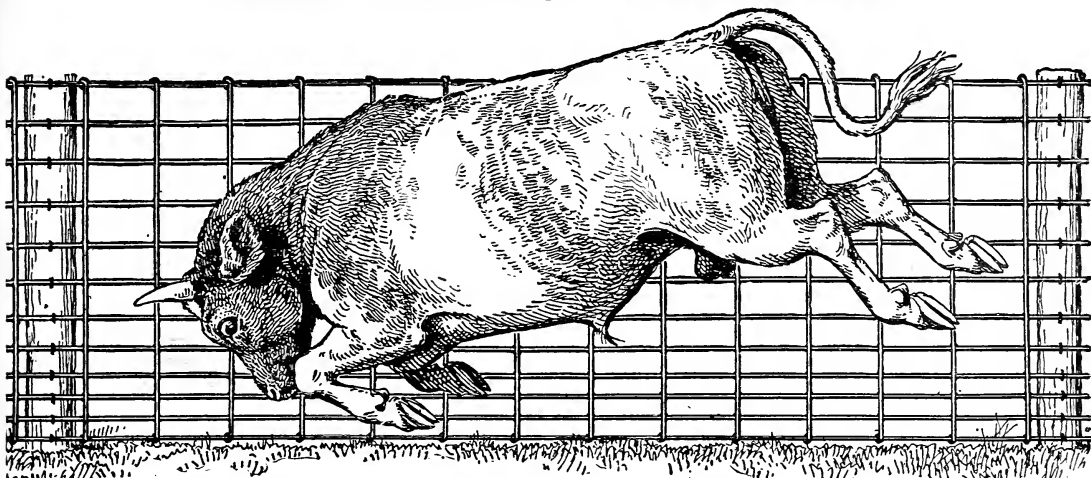
**Acme Potato Gun.**

Acme Double Bellows Gun (see cut) . . . . .

" Single " . . . . .

See Special Offers on third page of cover.

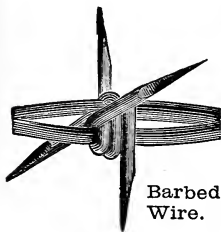
## "Clinton" Electrically-Welded Wire Fence.



You cannot fence your property more effectively and cheaply than with wire, and after examining the various styles of fence made from it, you will be convinced that our patent "Clinton" Electrically-Welded Fence is ahead of all competitors. The following are a few of our standard styles only. Descriptive circulars giving full information mailed free.

				Our Net Price.					Our Net Price.
12 bars, 58 inches high, Standard, per rod	.	.	.	\$1.16	8 bars, 30 inches high, Standard, per rod	.	.	.	\$0.79
10 " 52 " " " " "	.	.	.	1.00	6 " 34 " " " " "	.	.	.	.67
8 " 45 " " " " "	.	.	.	.84	4 " 22 " " " " "	.	.	.	.49

### Wire Fencing.



Barbed Wire.



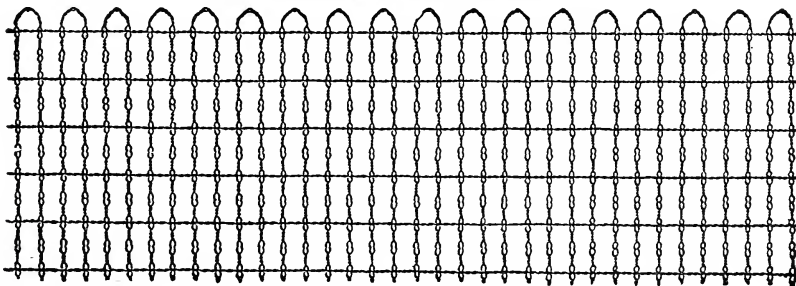
Ribbon Wire.



Plain Twisted Wire.

Barbed Wire, Regular, 4 point, or thick set . . . . .	(1 lb. measures about 15 feet.)	Our net price per lb.	\$0.06
Plain Twisted Wire, 1 lb. measures about 16 feet . . . . .	" " " "	" " " "	.06
Ribbon Wire, 1 lb. " " 12 " . . . . .	" " " "	" " " "	.08
Staples for attaching above . . . . .	" " " "	" " " "	.06

### Union Lawn Fence.



For Lawns, Division Fences, Churches, Cemeteries, etc., stronger, neater in appearance and less expensive than unsightly wood fence.

#### STANDARD FENCE.

Pickets 2 3/4 in. apart.

	PRICE.
24 in. high, 4 strands, per lineal foot . . . . .	\$0.10
30 " 5 " " " " " . . . . .	.12
37 " 6 " " " " " . . . . .	.14
42 " 7 " " " " " . . . . .	.17
50 " 8 " " " " " . . . . .	.20

#### CLOSE MESH FENCE.

Pickets 1 3/4 in. apart.

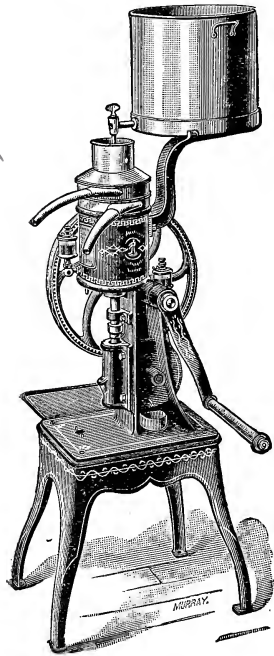
	PRICE.
24 in. high, 4 strands, per lineal foot . . . . .	\$0.15
30 " 5 " " " " " . . . . .	.18
37 " 6 " " " " " . . . . .	.21
42 " 7 " " " " " . . . . .	.24
50 " 8 " " " " " . . . . .	.27

#### Standard Rolls, 300 feet. Special lengths made to order.

Also Posts, Gates and Fittings for Union Lawn Fence, and several styles of Field, Farm and Park Fencing. Catalogues and estimates on application.

Not included in our Special Offers. Special prices for large quantities or for export.

**De Laval Cream Separators.**  
(“Alpha” or “Disc” Bowl Type.)



The purpose of the Cream Separator is the quick and complete separation of cream from milk in the most practical and profitable manner possible.

The number of De Laval machines in use now nearly approaches 200,000 and their use and prestige and conceded superiority are world-wide.

Crank Humming Bird, capacity, 225 lbs.	.	.	.	.	Our net price, \$	65.00
Improved Baby No. 1,	325	"	.	.	"	100.00
" " 2,	450	"	.	.	"	125.00
" " 3,	850	"	.	.	"	200.00

Not included in our special offers. Catalogue mailed on application.

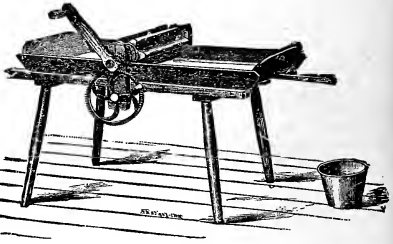
**Butter Workers.**

**Waters'**

No. 0 . . .	Our net price, \$	6.00
" 1 . . .	" "	7.00
" 2 . . .	" "	8.00
" 3 . . .	" "	9.00
" 4 . . .	" "	10.50

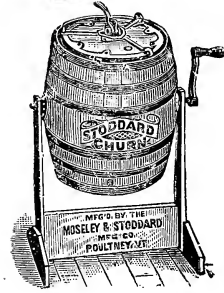
**Reid's**

No. 1 . . .	Our net price,	8.00
" 2 . . .	" "	6.50
" 3 . . .	" "	5.50
" 4 . . .	" "	5.00



**Churns.**

**Stoddard Barrel Churns.**



No.	Capacity	Churns from	to	Mfrs. price.	Our net price.
1	10 gal.	1	4 gal. cream	\$ 8.00	each, \$ 7.00
2	15 "	2	7 "	9.00	" 8.00
3	20 "	3	9 "	10.00	" 9.00
4	25 "	4	12 "	12.00	" 10.75
5	35 "	5	16 "	14.00	" 12.50
5½	45 "	5	20 "	17.00	" 15.00
6	60 "	6	28 "	20.00	" 18.00

**Blanchard Churns.**

No.	Capacity	Mfrs. price.	Our net price.
3	Will churn up to 2 gal. of cream	\$ 6.00	each, \$ 5.00
4	" 4 "	7.00	" 6.00
5	" 8 "	8.00	" 7.00
6	" 12 "	10.00	" 9.00
7	" 16 "	12.00	" 11.00

**Cylinder Churns.**

No.	Capacity	Mfrs. price, each,	Our net price, each,
0	1¾ gals.	\$2.25	\$1.50
1	2¾ "	2.50	1.75
2	4 "	3.00	2.25
3	7 "	3.50	2.75
4	10½ "	4.00	3.00
5	15 "	4.50	3.25

**Nova Scotia Grindstones.**

Only the most carefully selected Bay de Chaleur stones are used. Best quality hardwood frames.

Our net prices.							
20 in.	22 in.	24 in.	26 in.	28 in.	30 in.	32 in.	34 in.
\$7.20	\$7.65	\$8.10	\$8.55	\$9.00	\$9.45	\$9.90	\$10.80

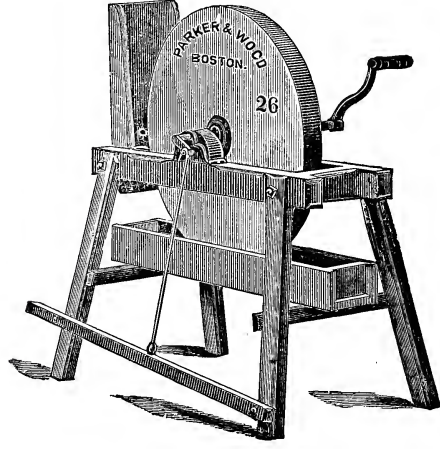
**Scythes.**

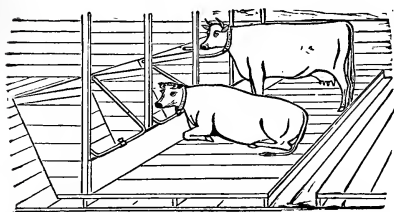


Breck's "Victor," warranted	Our net price, each,	\$1.25
High Grade, solid steel	" "	1.10
Sibley Clipper	" "	1.00
Heavy Bush	" "	1.00
Weed, or Bramble	" "	1.00

Hay Rakes and Scythe Snaths at lowest prices.

See Special Offers on third page of cover.



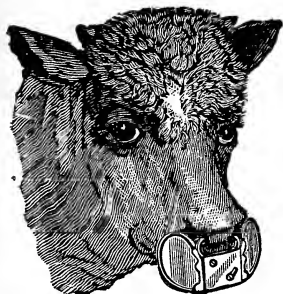


Newton's Animal Tie.

## ***Cattle Stanchions.***

Newton Ties, complete, any size . . . .	Our net price, each, \$1.70
36 inch, regular size. 32 inch, special size.	24 inch, calf size.
Chain Hanging Stanchion. No. 1. Size for	
Cows, complete, ready to hang . . . .	Our net price, each, 2.00
Chain Hanging Stanchion. No. 2. Size for	
Oxen, complete, ready to hang . . . .	“ “ 2.50
Chain Hanging Stanchion. No. 3. Size for	
Bulls, complete, ready to hang . . . .	“ “ 3.75
Prescott Swinging Swivel Stanchion for cows	“ “ 1.75
“ Plain “ “ “	“ “ 1.35
“ “ “ “ for bulls	“ “ 2.50

Stanchions not included in our Special Offers.



***Rice's  
Calf Weaner.***

For preventing calves and cows sucking themselves or each other. The only weaner made giving perfect freedom to the animal.

No. 1, for calves, each, \$0.30  
No. 2. 1 to 2 years " .50  
No. 3, for full grown .75  
By mail, No. 1, 35 cents; No. 2, 56 cents; No. 3, 85 cents.

## ***Milking Tubes.***



White Metal Plated.

No. 1, or common size, each,	\$0.25	Five for	\$1.00
No. 2, longer	.35	Four for	1.00
No. 3, longest	.45	Three for	1.00
Full set, one of each size		Per set	1.00
Solid coin silver (see cut)	.75		

Sent by mail, postage paid, on receipt of price.

**Genuine Swiss Cow Bells.**

Can you imagine a prettier rural scene than the sight of a herd of cows as they come trooping home from the pasture at the close of a summer's day, with the favorite heifer, the pride of the herd, leading? Don't you think she deserves to be adorned with a bell, one worthy the name.

***Tuned to Accord, with Straps.***

One each, 4, 5, and 6¼ inch . . . Our net price, per set, \$4.00

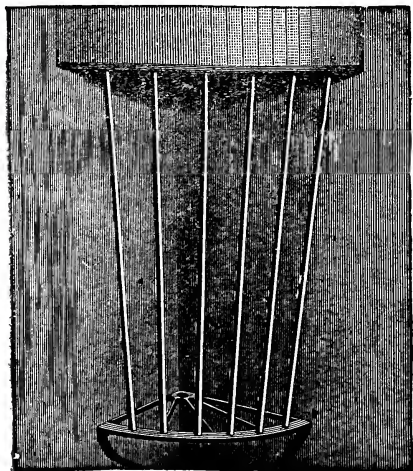
***Not Tuned and Without Straps.***

Our net price, each .    4 inch, \$0.70    5 inch, \$1.20    6¼ inch, \$2.00

## ***Bull Rings.***

Copper, 2 in., best quality	.	.	.	.	.	Each, \$0.35
" 2½ " "	.	.	.	.	.	" .40
" 3 " "	.	.	.	.	.	" .45
Bronze metal, 3½ in., extra heavy	.	.	.	.	.	" 1.25

Sent by mail, postage paid, on receipt of price.

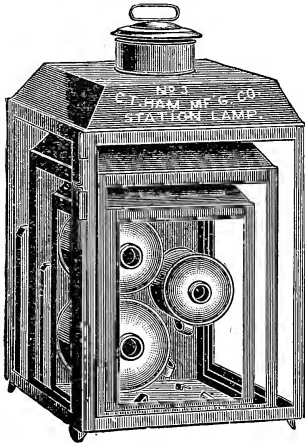


### ***Stable Fittings.***

Cast Iron Corner Manger, 17 x 17	.	.	Our net price	\$1.75
“ “ “ 14 x 14	.	.	“ “	1.50
Slow Feed “ “ 17 x 17	.	.	“ “	1.50
Salt Dish, 6 x 8 . . . .	.	.	“ “	.90
“ 8 x 10 . . . .	.	.	“ “	1.00
Corner Hay Rack, cast iron . . .	.	.	“ “	1.75
“ “ “ wrought iron . . .	.	.	“ “	1.60
Stall Collar, cast iron . . . .	.	.	“ “	1.75
Whip Rack, for five whips . . .	.	.	“ “	.50
Stable Gutter, heavy, per foot . . .	.	.	“ “	.60
Wire Partition Guards, per square foot . . .	.	.	“ “	.60
Water Trough, with overflow, 25 x 13 x 12 .	.	.	“ “	11.00
Sponge Rack, 14 x 6 x 6 . . . .	.	.	“ “	1.50

Complete catalogue of Stable Fittings mailed on application.

**See Special Offers on third page of cover.**



### Stable or Piazza Lamps.

Each lamp is complete with fount, burner, chimney and reflector. Cannot be extinguished by wind or draughts. Very nice for exposed places.

No. 1	8 x 10 inches, 5/8 inch wick	Our net price	\$2.40
" 2	10 x 12 " 1 "	" "	2.75
" 3	11 x 15 1/2 " 1 "	" "	3.00

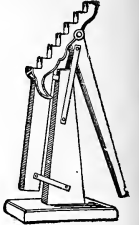
### Carriage Jacks.

Prescott—(See cut).

No. 1	Standard, light carriages	Our net price, \$1.00
" 2	" " wagons	" " 1.50
" 3	" heavy "	" " 1.75

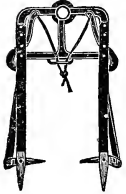
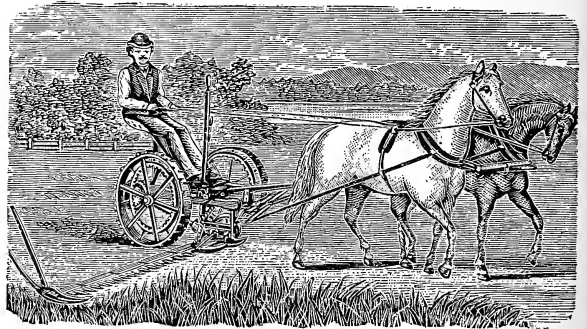
Joy's.

No. 1	Capacity 4,000 lbs.	Our net price, \$3.00
" 2	" 5,000 "	" " 3.25
" 3	" 6,000 "	" " 3.50



### Horse Mowers, Rakes and Hay Tedders.

Our limited space does not permit of a lengthy description of this class of machinery. We are agents for the celebrated Worcester Buckeye Mowers, Worcester Horse Rakes and Bullard Tedders. While the prices at which these machines are sold are a trifle higher than those asked for Western makes, it must be borne in mind that these machines cost more, as they have to be built heavier and of the very best material, for use on our New England farms, consequently, after ten years of service they are practically as good as new, while the Western machines are worn out or are costing an exorbitant price for repairs. Descriptive circulars and prices on application.



### Hay Carrier Outfits.

The rapidity with which the hay crop is made ready for storing renders it necessary to provide means for handling it quickly in the barn. This is done by the use of a Hay Carrier system, which is easily put into any barn and at a reasonable price.

Estimates furnished on application. In inquiring for prices, please state if wood or steel track is wanted, length of barn, number of rafters, height from pole to ridgepole, and send rough sketch of barn showing location of doors and bays.

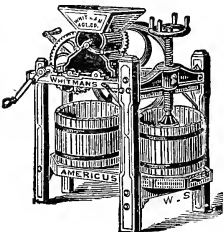
Descriptive circulars mailed free.

### Steel Clad Stone Boat.

No more aching backs. Own a stone boat and take life easy.

Made from white oak or maple planks. Bent part, No. 11 sheet steel.

Two-horse, 7 1/4 ft. x 30 in.	Our net price.
One " 6 " x 28 "	\$7.00
	6.00



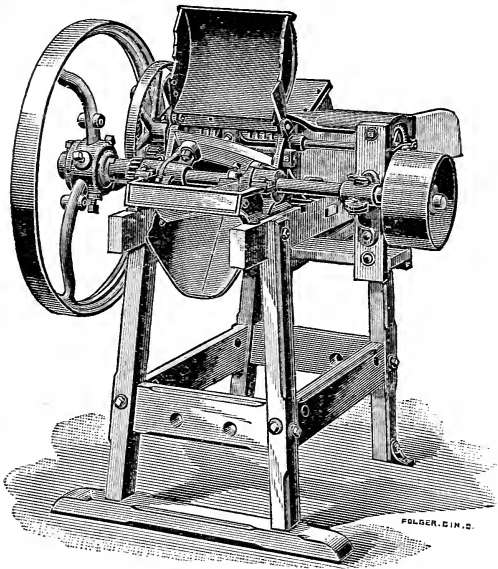
### Cider Mills.

Our cider mills are made from best material and all different capacities suitable for all wants up to the custom mills.

Hutchinson No. 0, capacity 1/2 bbl. per day, our net price	\$ 9.50
" 1, " 1 " " " " " " " " " " " "	11.50
Junior Monitor " 1 to 3 bbls. " " " " " " " " " "	15.00
Medium " " 3 " 5 " " " " " " " " " "	19.00
Senior " 1 crank 6 " 10 " " " " " " " " " "	22.50
" 2 " 6 " 10 " " " " " " " " " "	26.00

Catalogues of Power Mills and Presses on application.

See Special Offers on third page of cover.



### Ross Ensilage and Fodder Cutters.

For 50 years the Ensilage and Fodder Cutters built by the E. W. Ross Co., of Springfield, Ohio, have stood ahead of all others for effectiveness, durability and quality. Many improvements have been made, and at the present time there does not seem to be a great deal of room for further improvement. They are built in all sizes, from the small hand machine to the immense machines requiring 10 to 15 horse power to run them, and having a capacity of 35 tons of ensilage per hour. Be sure to see them before purchasing.

Cutters at all prices ranging from \$4.00 to \$500.

Descriptive catalogue mailed on application.

### Green Mountain Silos.

The construction of a perfect silo is a matter requiring much care, special machinery, and the best of thoroughly seasoned timber. An imperfect silo is useless, yes! worse than useless, for it cannot make good ensilage, and it will, and does spoil what would have been good feed had it not been put in the faulty silo.



The Green Mountain Silos are perfect in construction, only the very best material being used. The door arrangement is far ahead of any other. We can furnish from stock silos having a capacity of 28 to 166 tons, and other sizes to order promptly. Send for catalogue giving full information, prices, etc. Mailed free.

Not included in our Special Offers. Correspondence solicited.

### Root Cutters.

The rapid extension of the root feeding practice called for the production of some machine that would properly reduce and prepare the roots for easy, safe and economical consumption by animals.

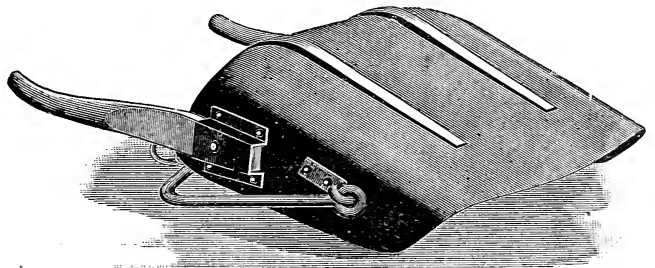
Several machines were produced which performed this service but indifferently and with a desire to produce something that would meet every requirement, we started a line of investigation and experiment, which has resulted in the Banner Root Cutter.

No. 20	Hand Power,	30 to 50 bushels per hour	. . . . .	Our net price, \$10.00
No. 15	Hand and Power,	60 to 80 bushels per hour	. . . . .	" " 12.00
No. 16	" " "	50 to 100 " " "	. . . . .	" " 18.00
No. 25	" Power	30 to 50 " " "	. . . . .	" " 10.00

### Solid Steel Drag Scrapers.

These scrapers are made from heavy plates, of specially hardened steel, and are stamped from one sheet without joint, seam or rivet. The bowl, owing to the sharp, rounded nose, will enter the ground more readily than any other scraper. We guarantee this scraper in every particular.

No. 1,	capacity	7 cu. ft.	Our net price, \$8.00
" 2,	"	5 "	" " 7.50
" 3,	"	3 "	" " 7.00



See Special Offers on third page of cover.

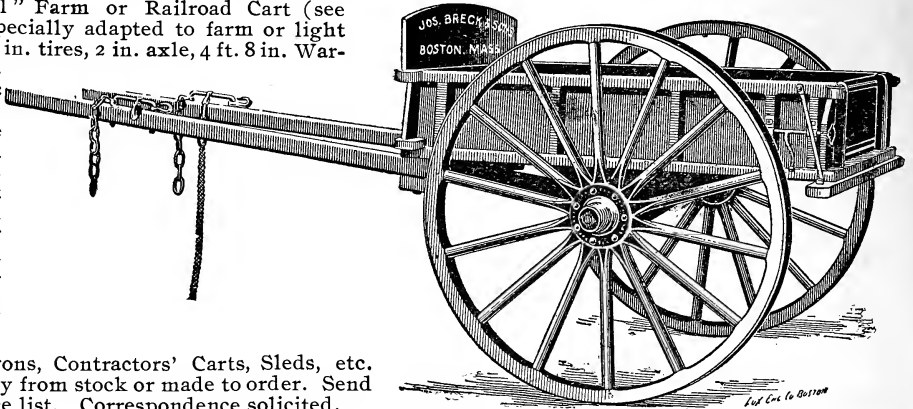
**BRECK'S "SPECIAL" FARM OR RAILROAD CART**

Breck's "Special" Farm or Railroad Cart (see illustration) is especially adapted to farm or light contract work. 4 in. tires, 2 in. axle, 4 ft. 8 in. Warner hub wheels. Capacity 22 cubic feet.

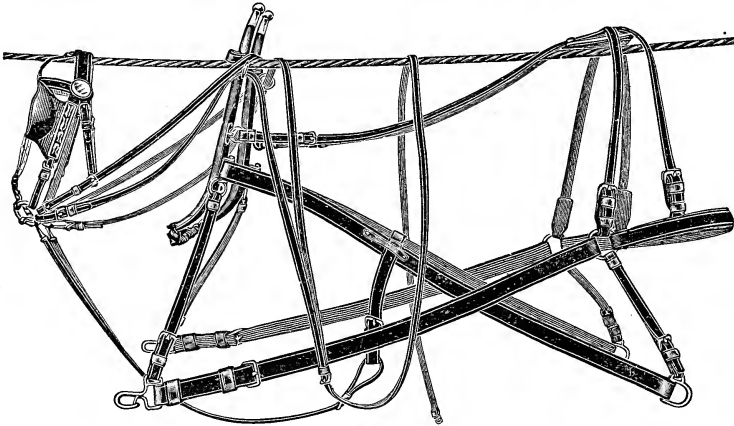
Nothing but the best material, both wood and iron, is used. Each cart is well painted and we can assure our customers that they compare favorably with any offered in New England.

N.B. Farm Wagons, Contractors' Carts, Sleds, etc. furnished promptly from stock or made to order. Send for illustrated price list. Correspondence solicited.

Farm or Railroad Cart,						Mfrs. price each, \$75.00	Our net price, each, \$60.00
Shifting sides for same	:	:	:	:	:	set, 6.00	set, 5.00



**OAK TANNED LEATHER HARNESS, STRICTLY HAND MADE**



We offer an excellent line of harness, made expressly for us in large quantities at very low prices, quality being considered. These are not the cheap machine sewed harness that generally give out during the first rain storm they are used in, but a plain, well finished, strong, hand sewed article, that we guarantee to be exactly as represented. Any style of harness built to order promptly and at a reasonable price.

**BRECK'S EXTRA DOUBLE TEAM HARNESS.**

	Our net price.		Our net price.
Special Cart Harness, complete, less collar	\$26.00	Collars, extra quality, all sizes, each	3.00
Extra Double Team Harness, less collars	52.00	Sweat Pads, all sizes, each	.40
Double Farm Harness, complete, less collars	42.00	Hame Straps, common, 20 inch, each	.25
Single Driving Harness	24.00	" " extra, 1 1/2 x 24 inch, each	.30
Single Express Harness	32.00	" " " 1 1/2 x 30 " "	.35

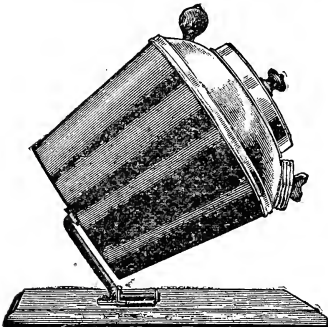
In addition to the foregoing we carry in stock a complete assortment of Trace, Whiffletree, Stake, Back, Breast and Tailboard Chains, Back and Belly Bands, Hames, Halters, Tie Ropes, Stake Irons, Wire Cushions, 3 Bow Tops, Umbrellas, etc., at lowest market prices.

**"IDEAL" ICE CREAM FREEZER.**

**Will make Ice Cream in less than three minutes.**

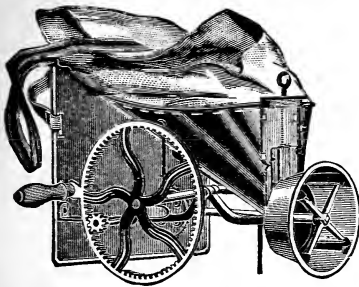
The "Ideal" freezer can be used in any kitchen, dining room or parlor without soiling linens, carpets or furniture. With this freezer one can freeze again and again until all the ice in the freezer is consumed. Any quantity of ice cream from one pint to one gallon can be made and the process repeated as often as necessary to supply any reasonable number of people without renewing ice or cleansing can. The ice receptacle is air tight and thereby retains the cold for an unusual period, giving the greatest economy in the matter of ice.

Satisfaction guaranteed or money refunded.



Mfrs. price, per doz.	\$42.00	Our net price, each, \$3.50
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See Special Offers on third page of cover.



### CAHOON'S BROADCAST SEED SOWER.

The acknowledged superiority of these machines over all others has already placed them in the front rank of labor saving agricultural implements. A saving of four-fifths of the labor and one third of the seed is effected by their use, and a person entirely unused to sowing by hand can use this machine with perfect success. **Sows from 4 to 8 acres per hour** at a common walking gait, throwing out wheat about forty feet wide.

Our net price, each, . . . . . \$4.50

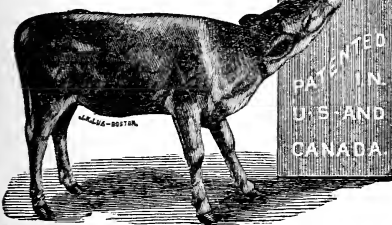
### NEVER SLIP WIRE STRETCHER.



Our net price, \$1.00 each.

If you cut or injure the galvanizing on a wire it lets in rust. Consequently the wire is weakened and breaks at this point. The **Never Slip** stretcher has an iron jaw, but no teeth. When it gets a hold it never lets go, but hangs on with a deathlike grip to all kinds of wire.

ONE OF THE FEW  
**GOOD THINGS**  
ADVERTISED.



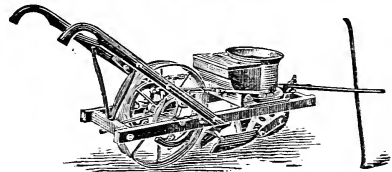
### SMALL'S CALF FEEDER.

This article was designed and has been perfected by the inventor for feeding milk to young calves in a natural way before they are old enough to eat and drink otherwise.

Our net price, each . . . . . \$2.50

Extra nipples by mail 25c. each, five for \$1.00.

### KING OF THE CORN FIELD CORN PLANTER.



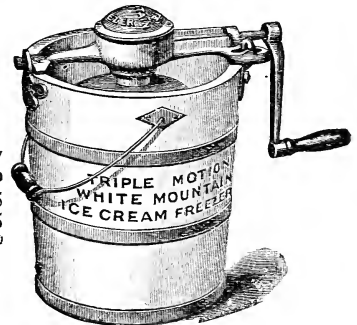
Plants all kinds of corn, beans, peas, beets and other seeds of similar size. Also fertilizer in hills or drills as desired. Send for circular.

Mfrs. price, \$30.00. Our net price, \$25.00.

### White Mountain Ice Cream Freezer.

Our net prices.

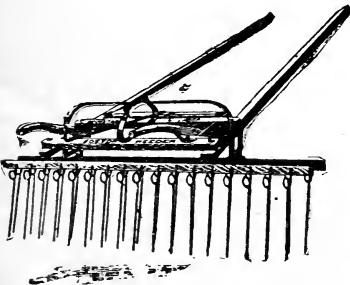
2-qt. \$1.91	10-qt. \$6.47
3 " 2.35	12 " 7.70
4 " 2.90	15 " 9.35
6 " 3.86	20 " 12.65
8 " 4.82	25 " 15.40



### WHITMAN ADJUST- ABLE WEEDER.

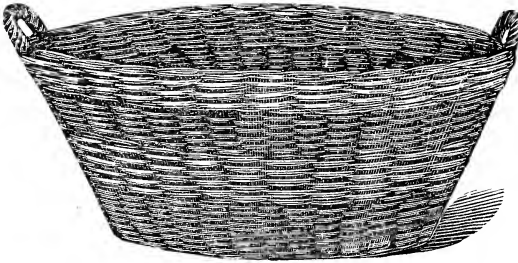
This weeder differs materially from all others, it having a lever adjustment that by simply turning a handle nut, the teeth can be instantly adjusted from a vertical position to any inclination desired, if necessary, without stopping the horse.

Mfrs. price, \$12.00 each. Our net price, \$10.00 each.



For complete catalogue of Agricultural Hardware, Implements and Machines, Woodenware, etc., and how to obtain it, see page xiv.

See Special Offers on third page of cover.



### Clothes Baskets.

	Small.	Medium.	Large.	Extra large.
Oval Willow	.55	.65	.75	1.00
Round Willow	.75	.85	1.00	
Oval Rattan	1.25	1.35	1.50	
Round Rattan	1.15	1.35	1.50	

Also oblong and round ash Clothes Baskets. Price on application.

### Clothes Washers.

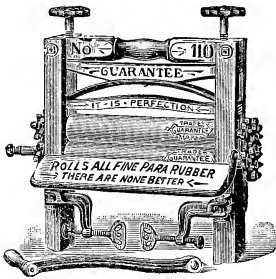
Our Vandergrift Rotary Washer and the Pan-American Washers are guaranteed to be perfect in every respect. If they do not prove all we claim for them, they can be returned and the money paid refunded. All we ask for is a trial.

Vandergrift Rotary Washer (see cut).	Our net price each	. . . . .	\$8.00
Pan-American	"	" " " " " " " "	5.00



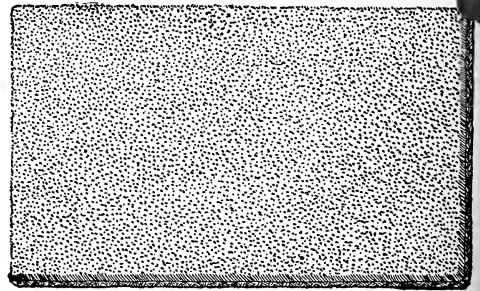
### Clothes Wringers.

No.	Description	Size	Our net price. Each, \$
No. 110	Bicycle ball bearings	10 x 1 3/4 in. rolls	3.75
" 111	"	11 x 1 3/4 "	4.50
" 112	"	12 x 1 3/4 "	5.25
" 110	New Era	10 x 1 3/4 "	3.25
" 110	Guarantee (royal style)	10 x 1 3/4 "	4.50
" 110	Riverside (novelty or universal style)	10 x 1 3/4 "	2.50
" 110	Lexington (rival or household " )	10 x 1 3/4 "	2.00
" 110	Grand (challenge style)	10 x 1 3/4 "	1.50
" 22	Swan, Iron Frame,	10 x 1 3/4 "	3.00
" 2	Diamond, Iron Frame,	10 x 1 3/4 "	1.25
" 110B	Hartford (household style) rolls	10 x 1 3/4 "	4.00
" 112B	"	12 x 1 3/4 "	4.00



### Door Mats.

Brush Cocoa.	No.	Size	Our net price. Each, \$
"	1	14x25 in., light	0.50
"	2	16x27 " "	.65
"	3	18x30 " "	.80
"	4	20x33 " "	1.10
"	2	16x27 " medium	.80
"	3	18x30 " "	1.00
"	4	20x33 " "	1.35
"	5	22x36 " "	1.60

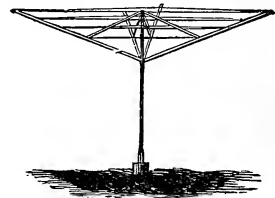


### Galvanized Ash Cans.



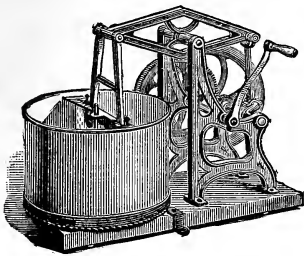
	Net price.
Globe . . . . .	\$2.75
Safety . . . . .	3.00
No. 90 . . . . .	2.75
No. 04 . . . . .	2.00
Safety Ash Sifter. . . . .	.85
Champion Net . . . . .	.50
All Wire " . . . . .	.85
Pulsifer " . . . . .	5.00
Sexton's " . . . . .	3.00

### Outside Clothes Dryer.



No.	Size	Description	Our net price. Each, \$
No. 45	110 ft.	line Japanned trimmings	3.50
" 46	150 "	" " " "	4.00
" 49	110 "	" galvanized " "	4.25
" 50	150 "	" " " "	4.75

See Special Offers on third page of cover.



### American Meat Chopper.

For chopping fruit, vegetables and any material of a similar nature, as well as meat, the American Chopper is unexcelled.

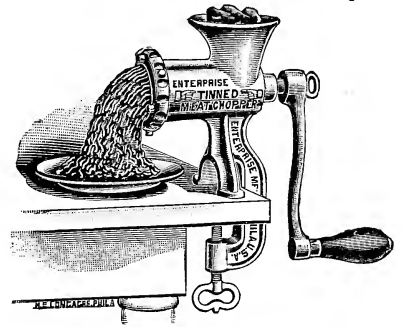
No.	1	8 in. cylinder, chops	2 lbs. in	3 minutes	Our net price.
"	2	10 " " " 5 to 6	" 3	" . . .	each, \$ 4.50
"	3	12 " " " 8 to 10	" 4	" . . .	6.25
"	A	12 " " " 8 to 10	" 4	" . . .	9.00
"	4	15 " " " 50 to 60	" 60	" . . .	10.75
"	D	18 " " " 60 to 80	" 60	" . . .	22.50
"	5	20 " " " 80 to 100	" 60	" . . .	45.00
					54.00

### Enterprise Meat Choppers.

All Enterprise Choppers thoroughly tinned.

No.	2	1	lb. per minute	Our net price.
"	4	1 1/2	" " " "	each, \$ 1.35
"	6	2	" " " "	" 1.75
"	8	3	" " " "	" 2.60
"	5	1	" " " "	" 3.80
"	10	2	" " " "	" 1.80
"	12	2	" " " "	" 2.85
"	20	3	" " " "	" 2.37
"	22	3	" " " "	" 4.75
"	32	4	" " " "	" 3.80
"	42	5	" " " "	" 5.70
				14.25

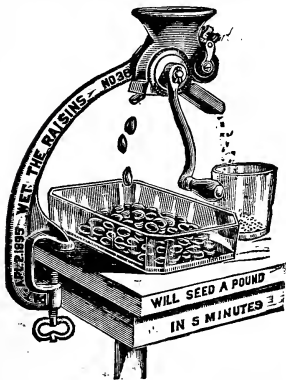
Descriptive catalogue of Enterprise goods mailed on application.



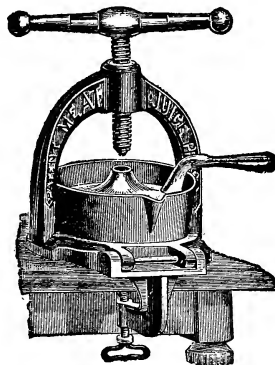
### Family Scales.

### Raisin Seeders.

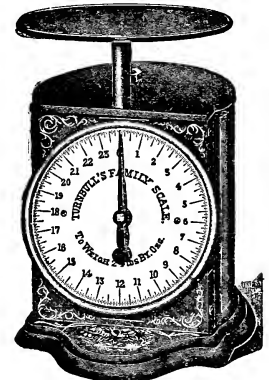
### Meat Juice Press.



Breck's	Our net price.
Enterprise, Family	each, \$0.50
" Hotel	" 1.00
	" 2.50



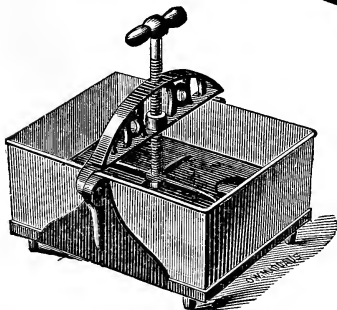
No. 1 C	Infant	Our net price.
" 2 C	Family Small	each, \$1.25
" 2 B	Swing	" 1.75
" 3 B	Large	" 2.00
		" 3.50



No. 292	12 lb. x 1 oz. Tin	Our net price.
Scoop	each, \$2.50	
No. 297	24 lb. x 1 oz. Tin	
Scoop	" 2.50	
No. 292 B.	12 lb. x 1 oz. " "	
Brass Scoop	" 3.25	
No. 297 B.	24 lb. x 1 oz. " "	
Brass Scoop	3.25	

### Meat Press.

### Rolling Pins.



10 in. Revolving	Our net price.
12 x " "	each, \$0.05
12 xx " "	" .10
12 xx " Cherry	" .15
Creased	" .10

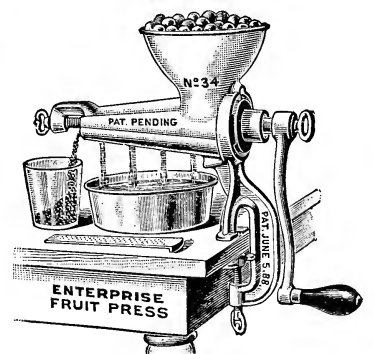
### Chopping Bowls.



No. 1	6 x 9 x 4	Our net price.
" 2	8 x 12 x 5	each, \$2.25
" 3	10 x 14 x 16	" 3.25
		" 4.25

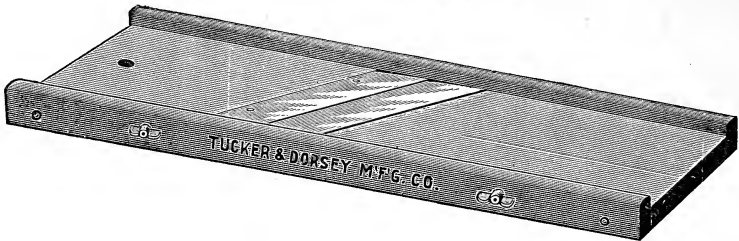
See Special Offers on third page of cover.

### Fruit Press.



No. 34	Family	each, \$ 2.85
" 46	Family large	" 14.00

**Slaw and Kraut Cutters.**

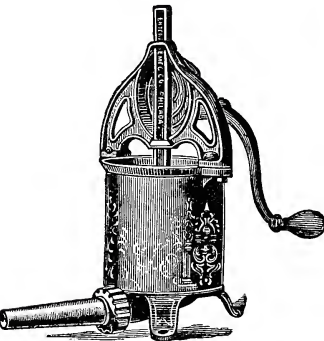


No. 1 Slaw, 1 Knife . . . . .	Net price, \$0.25	No. 5 Kraut, 3 Knife and Box, 9 x 30.	Net price, \$2.25
" 2 " 2 " . . . . .	" .40	" 7 " 3 " " 12 x 36.	" 3.50
" 2 Kraut 2 " and Box, 8 x 26 .	" 1.20	" 8 " 4 " " 12 x 36.	" 4.00
" 3 " 3 " " 8 x 26 .	" 1.35		

**Sterling Rotary Kraut Cutter.**

Latest and best. Easily and quickly adjusted to any thickness of cut. . . . . Our net price, each, \$4.00.

**Sausage Stuffer and Lard Press.**

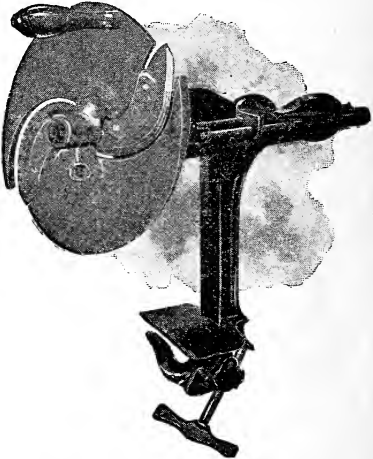


**Splitting Awl.**



Best pick made for refrigerator use. Does the work rapidly and without waste of ice.  
Net price, 25 cents; by mail, 30 cents.

**Vegetable Slicer.**



**Towel Racks.**



No. 5, 2-qt. Jap. . . . .	\$2.85	3-arm Plain Cap . . . . .	Net price \$0.05
" 15, 2 " " . . . . .	3.80	3 " Nickel Cap . . . . .	" .10
" 25, 4 " " . . . . .	4.75	9 Knob . . . . .	" .15
" 35, 8 " " . . . . .	6.15		
" 10, 2 " Galv. . . . .	3.30		
" 20, 2 " " . . . . .	4.25		
" 30, 4 " " . . . . .	5.70		
" 40, 8 " " . . . . .	7.15		

This slicer will slice all kinds of fruits, vegetables, sausages, cooked meats, etc., quicker and better than it can be done in any other way, and all the slices and pieces will be of the same thickness.  
Our net price, each . . . . . \$1.75

**Extension Ladders.**

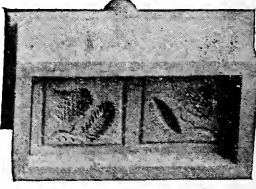
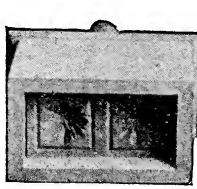


The Diamond Extension Ladder is constructed in the most thorough manner and is light and very easily handled. Made of best selected timber, well ironed.

When ordering extension ladders add four feet for splice at regular price per foot.

Our net price, per ft. . . . . \$0.28

**Butter Moulds.**



1/2 lb., two 1/4 lb. prints . . . . .	Our net price, each, \$0.85
1 " " 1/2 " " . . . . .	" " 1.00
Add for each letter extra . . . . .	" " .20
" " " Old English letter extra . . . . .	" " .25

N. B.— Also 1,000 or more articles for which we have no room in this book. Our Large Hardware Catalogue tells about them. Page 21 tells you how to obtain it.

See Special Offers on third page of cover.

PLEASE READ THIS BEFORE MAKING UP YOUR ORDERS.

# SPECIAL OFFERS.

Carriage Paid or 10 Per Cent. Discount Allowed.

We make the following offers on all orders made up from our *ANNUAL CATALOGUE FOR 1901*, at the net cash prices therein stated (except as noted), *SENT US BY MAIL OR EXPRESS, ACCOMPANIED BY CASH*

**OFFER No. 1.**

We will send *GOODS PREPAID* by Mail, Express, or Freight, as we may deem advisable, *TO ANY CITY OR TOWN IN NEW ENGLAND.*

**OFFER No. 2.**

We *DELIVER ALL MAILABLE* goods (except those marked net), including Vegetable and Flower Seeds quoted, by packet, ounce, pound, pint or quart; also Bulbs (except Caladiums), to any *POST-OFFICE* in the United States.

**OFFER No. 3.**

*WHERE CUSTOMERS PAY TRANSPORTATION CHARGES THEMSELVES* we will allow *A DISCOUNT OF TEN PER CENT* on all goods except those marked net.

## PLEASE REMEMBER.

That orders sent in early *SECURE THE FIRST SELECTIONS.*

That our *SPECIAL OFFERS* are *POSITIVELY LIMITED* to *ORDERS BY MAIL* or *EXPRESS ACCOMPANIED BY CASH*, postal note, draft on New York or Boston, stamps, express or post-office money order.

That "*Special Offers Nos. 2 and 3*" are especially advantageous to *PARTIES LIVING OUTSIDE* of New England; when goods are not mailable, in a majority of cases the 10 per cent. discount will offset transportation charges.

## PLEASE NOTE.

We offer such extraordinary inducements for orders sent us by mail or express, accompanied by cash, because we can execute them in the quiet of our mail order department with promptness, dispatch, and with goods of the highest excellence, and increase the volume of our business without impairing the efficiency of its service.

**BAGS.**—Persons remitting with their orders should include a sufficient sum to cover cost of bags necessary to contain purchase. Prices are: 1 and 2 bushels, 15 cents; 1-2 bushel, 12 cents; 1-4 bushel, 8 cents; 1-8 bushel, 6 cents. The amount charged will be refunded if bags are returned in good condition free of expense to us, within one month from date of purchase.

*Joseph W. Brecker, Son*  
(CORPORATION.)

Our Store, opposite North side of Faneuil Hall, is only a minute's walk from  
Adams Square Subway Station.

